# CEYHAN PROPANE DEHYDROGENATION - POLYPROPYLENE PRODUCTION PROJECT

## STAKEHOLDER ENGAGEMENT PLAN

FEBRUARY 2023 ANKARA

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#### STAKEHOLDER ENGAGEMENT PLAN

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REVISION CODES: A: DRAFT, B: FINAL DRAFT, C: FINAL

**PROJECT NO: 21/003** 

**FEBRUARY 2023** 

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#### **TABLE OF CONTENTS**

		<u> </u>	<u>Page</u>
1	INT	RODUCTION	4
2	PRO	DJECT INFORMATION	6
	2.1	Background	6
	2.2	Social Area of Influence	8
	2.3	Project Program	11
	2.4	Potential Environmental and Social Issues	13
3	NAT	FIONAL LEGAL REQUIREMENTS AND INTERNATIONAL STANDARDS	15
	3.1	National Legislation	15
	3.2	International Standards	17
4	STA	KEHOLDER IDENTIFICATION	19
5	STA	KEHOLDER ENGAGEMENT APPROACH	26
6	STA	KEHOLDER ENGAGEMENT ACTIVITIES UNDERTAKEN TO DATE	28
	6.1	Preliminary Stakeholder Engagement Activities	28
	6.2	Follow-up Stakeholder Engagement Activities Completed to Date	36
7	STA	KEHOLDER ENGAGEMENT ACTIVITIES DURING FINAL DRAFT ESIA	
D		SURE	45
8	STA	KEHOLDER ENGAGEMENT ACTIVITIES DURING CONSTRUCTION AND	
0		ION PHASES	
9	GRI	EVANCE MECHANISM	_
	9.1	Public Grievance Mechanism	
	9.1.	'	
	9.1.	-1 - 3	
	9.1.		
	9.1.	3 - 3 - 3	
	9.1.	•	
	9.1.		
	9.1.		
1(		ERNAL COMMUNICATIONS	
11		NITORING and REPORTING	
	11.1	Key Performance Indicators	
Α		ICES	
	• •	dix A: Vulnerable groups within the Aol	
	• •	dix B: Stakeholder List for Universities and Schools	
		dix C: Stakeholder List for Governmental Authorities	
		dix D: Stakeholder List for Non-Governmental Bodies	
		dix E: Photographs taken during the Public Consultation Meeting held on 6 <sup>th</sup> Ma	
	2020		
		dix F: Meeting notes of Public Consultation Meeting held on 6th March 2020	
		dix G: Sample Grievance Form	
	Appen	dix H: Sample Grievance Closeout Form	74

Project No: 21/003

#### **LIST OF TABLES**

	<u>Page</u>
Table 2-1. Social Area of Influence	9
Table 2-2.Tentative Project schedule	12
Table 4-1. Stakeholder Groups	
Table 4-2. Neighbouring Settlements	22
Table 4-3. Stakeholder List for Nearby Receptors	
Table 5-1. Project Phases and Proposed Engagement Approach	
Table 6-1. Details of the Preliminary Stakeholder Engagement Activities	
Table 6-2. Outcomes of the face to face meetings with the interested and affected	
stakeholders	33
Table 6-3. Additional feedbacks received from the Stakeholders during the initial ESIA	
	-
Table 6-4. Surveys and interviews conducted by 2U1K	
Table 6-5. The needs in the region as reported by local headmen	
Table 6-6. Potential labour force in the neighbourhoods as reported by local headmen.	
Table 6-7. Perceptions of local headmen related to the Project	
Table 6-8. Summary of key informant interviews	
Table 8-1. Engagement Methods During Construction and Operation Phases	
Table 11-1. Key Performance Indicators (KPI) and monitoring actions – Stakeholder	
Engagement	57
LIST OF FIGURES	Page
	<u>r age</u>
Figure 2-1.Location of the Project	7
Figure 2-2 Project Site Boundary	8
Figure 2-3. Nearby neighbourhoods and sensitive receptors in the vicinity of the Project	
Figure 4-1. Nearby neighbourhoods and sensitive receptors in the vicinity of the Project	t site
Figure 4-2. Closer view of land use in the close vicinity of the Project site	
riquie 4-2. Giosei view di ianu use in the ciose vicinity di the Project site	24

#### **ABBREVIATIONS**

Adana ASKi Adana Water and Sewerage Administration

BIL BOTAŞ International

BOTAŞ Turkish Petroleum Pipeline Company
BTC Baku-Tbilisi-Ceyhan Crude Oil Pipeline

Ceyhan PDH-PP Project Ceyhan Propane Dehydrogenation (PDH)- Poly-propylene

or the Project Production (PP) Facility and Jetty Project

**Ceyhan PP A.Ş.** Ceyhan Polipropilen Üretim A.Ş.

Ceyhan Petrokimya A.Ş. Ceyhan Petrokimya Endüstri Bölgesi Yönetim A.Ş.

or Management

Company

**CLO** Community Liaison Officer

**CPIR** Ceyhan Petrochemical Industrial Region

**DSI** State Hydraulic Works

**EBRD** European Bank for Reconstruction and Development

EHS Environmental Health and Safety
EIA Environmental Impact Assessment
ESAP Environmental and Social Action Plan

**ESIA** Environmental and Social Impact Assessment **ESMP** Environmental and Social Management Plan

FI Financial Institution

IFC International Finance Corporation
ILO International Labor Organization
MoAF Ministry of Agriculture and Forestry
MoCT Ministry of Customs and Trade

MoENR Ministry of Energy and Natural Resources

MoEUCC Ministry of Environment, Urbanization and Climate Change

MoFSS Ministry of Family and Social Services
MoIT Ministry of Industry and Technology
MoTI Ministry of Transport and Infrastructure

METU Middle East Technical University
NGOs Non-Governmental Organizations

NTS Non-Technical Summary
PDH Propane Dehydrogenation

PDoEU Provincial Directorate of Environment and Urbanization

PP Propylene Production
PR Performance Requirement
PS Performance Standard

SEP Stakeholder Engagement Plan
SPV Special Purpose Vehicle

**TAYSEB** Toros Adana Yumurtalık Free Zone Founder and Operator Co.

**TOBB** Turkey Union of Chambers and Commodity Exchanges

**TPAO** Turkish Petroleum

#### 1 INTRODUCTION

This document presents the Stakeholder Engagement Plan (SEP) for the Propane Dehydrogenation and Poly-propylene Production Project (the Project) located in Ceyhan, Adana. The Project will be developed by Ceyhan Polipropilen Production Corporation (the Project Company) who will be responsible for the design, construction, equipping and maintenance of the PDH-PP Facility within a construction period of 38 months (including engineering, procurement, and commissioning activities) and operation period of 49 years.

The investment decision for the Project was given by a partnership whose pilot members built the current structure and established a Special Purpose Vehicle (SPV) named Ceyhan Polipropilen Production Corporation (Ceyhan PP A.Ş. or Project Company) comprising of RNS Ceyhan Petrochemical Industry Investment Corporation (51%), CYN Petrochemical Industry and Commerce Corporation (15%) and Sonatrach Petroleum Investment Corporation BV (34%). Every partner within Ceyhan PP A.Ş. shall offer their unique expertise for the development of the Project. RNS Ceyhan Petrochemical Industry Investment Corporation will provide their contribution on construction and engineering with the support of Sonatrach Petroleum Investment Corporation BV who have a strong background in long term reliable and high-quality raw material supply.

Healthy, inclusive, trust-based and transparent stakeholder engagement plays a key role in the successful management of the social and environmental impacts of projects. Therefore, a functional Stakeholder Engagement Plan developed and will be implemented effectively to ensure the participation of all stakeholders who are directly or indirectly affected by the project, ability to influence the Project, and/or who are interested in the project results. The SEP is a public document, which presents plans for stakeholder engagement, consultation, and disclosure, and is to be updated for each phase (pre-construction, construction, operation and decommissioning) of the Project. The main goal of the SEP is to ensure that Project-affected people and other stakeholders are provided relevant, timely and accessible information so that they have an opportunity to express their views and concerns about the Project and its impacts and mitigation measures. Stakeholder engagement process helps to:

- identify and involve all potentially affected stakeholders including the vulnerable groups;
- generate a good understanding of the Project amongst those that will be affected;
- identify issues early in the Project cycle that may pose a risk to the Project or its stakeholders;
- ensure that mitigation measures are appropriate (implementable, effective, and efficient);
- establish a system for long-term communication between the Project and communities that is of benefit to all parties.

ESIA Final Draft Report February 2023

Project No: 21/003 4 / 75

The SEP also includes a Grievance Mechanism for community members and other stakeholders to raise any concerns and problems related to the Project. The Grievance Mechanism, which is one of the most important tools of stakeholder engagement, has also been developed within the scope of the SEP.

Stakeholder engagement is an ongoing process, and the SEP will be regularly monitored and updated throughout all stages of the Project.

This version of the SEP is related with the consultation activities of Environmental and Social Impact Assessment (ESIA) study which is being prepared for the Project. Information on the Project impacts and relevant mitigation measures is provided in detail in the ESIA report, with the summary being presented in Non-Technical Summary (NTS).

A separate SEP will be prepared for the Terminal Facility (associated facility for the Project according to the ESIA document). However, if agreed between the Project Company and SPV for the Terminal Facility, stakeholder engagement activities for the Project and the Terminal Facility might be combined in order to be effective and minimize burden on affected communities.

SEP will be published also in national language on the Project Company's website at the same time as the Final Draft ESIA Report in order to provide an opportunity for people to comment on the plans related to engagement as well as on the Project. The SEP is the responsibility of the Project Company and Project Company is fully committed to undertaking necessary engagement activities in a manner that is consistent with international good practice as outlined in next sections.

**ESIA Final Draft Report** 

February 2023

#### **2 PROJECT INFORMATION**

#### 2.1 Background

In line with Turkey's 2023 strategy, the Government aims to increase the gross domestic product; therefore, increasing industrial production capacity is deemed as a significant factor that contributes to this aim. As part of this strategy, there are a number of initiatives including the establishment of the Ceyhan Petrochemical Industrial Region (CPIR) with the primary aim of attracting potential investors. The overall demand in Turkey for petrochemical products is above the production capacity of the limited number of petrochemical industries; the local demand is mostly met by the imports. It is anticipated that the development of the CPIR will significantly decrease import dependency.

The main aim of the Project is to produce polypropylene by using propane as raw material. The production process will be composed of two main stages: propane dehydrogenation (PDH) and polypropylene production (PP). First step in the production process (i.e. PDH) is to convert the liquified propane into propylene. In this catalytic process, propane is used as raw material, where it is converted into propylene and hydrogen (i.e., by-product). In the second step (i.e., PP), propylene is polymerized to produce polypropylene.

The Project is aiming to create added value by:

- substituting imports with national production to contribute to Turkey's current account deficit regarding polypropylene;
- creating qualitative employment;
- contributing to the development of Turkey's plastics industry;
- contributing to Turkey's development as a petrochemical hub.

The Project is located in Ceyhan district of Adana province in the south of Turkey at the Mediterranean shore.

CPIR Port Project will also have a separate Terminal Facility comprising a jetty, a propane storage tank and relevant auxiliary facilities, in order to provide raw material for the Project. The Terminal Facility will be constructed and operated by a third-party supplier company, which will be formed under Rönesans Holding umbrella and will solely work for the Project. Due to that reason, the Terminal Facility is considered as associated facility<sup>1</sup> in accordance to the IFC PS1 and therefore, its environmental and social impacts are assessed together with the impacts of the Project.

ESIA Final Draft Report February 2023

Project No: 21/003 6 / 75

<sup>&</sup>lt;sup>1</sup> Associated facilities are defined by IFC as facilities that are not funded as part of the project and that would not have been constructed or expanded if the project did not exist and without which the project would not be viable.

The location of the Project site is illustrated in Figure 2-1 while the Project site and its boundaries are shown in Figure 2-2.

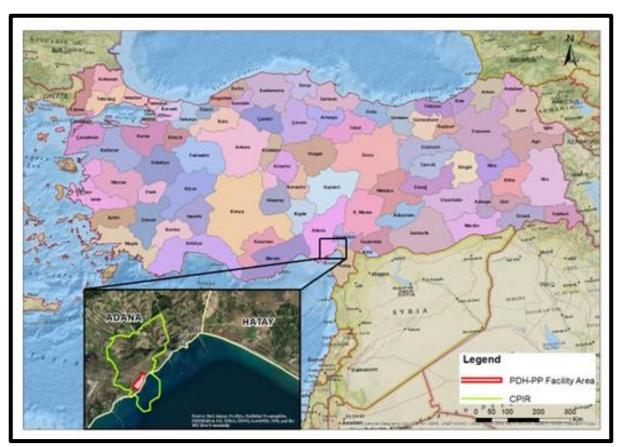


Figure 2-1.Location of the Project

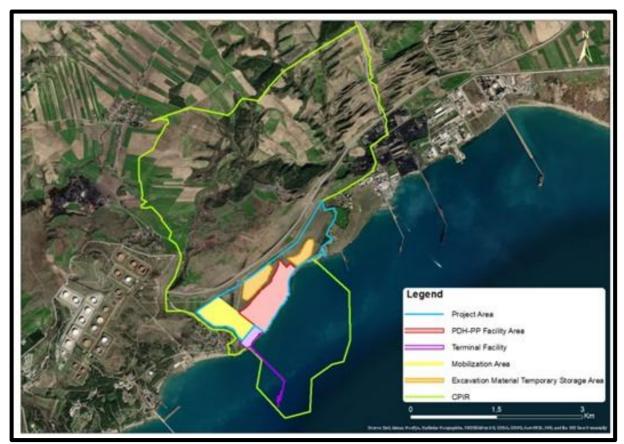


Figure 2-2 Project Site Boundary

#### 2.2 Social Area of Influence

The Project is planned to be developed in the premises of Ceyhan Petrochemical Industrial Region or Ceyhan Energy Specialized Industrial Zone (CPIR) which is located in Incirli locality, Kurtpınar neighbourhood, Ceyhan district of Adana province.

The dominant land use in the surrounding area of the Project site includes industrial facilities, forestation and forest areas located approximately 1.5 km distance in the CPIR area as well as residential areas.

The closest settlement is the Kurtpınar neighbourhood with its two localities; Incirli and Karatepe. The Kurtpınar neighbourhood center is located at approximately 3.5 km northwest. The Incirli locality is approximately 50 m to the southwest of the Project site boundary and the Karatepe locality is at approximately 2.2 km to the northwest. Furthermore, Sarımazı neighbourhood of Ceyhan district and Gölovası neighbourhood of Yumurtalık district are located 6.5 km northeast and 5.1 km southwest of the Project site boundary, respectively.

Kurtpınar, Karatepe, Sarımazı and Gölovası neighbourhoods are expected to experience the potential land acquisition impacts and community health and safety impacts in addition to other

ESIA Final Draft Report February 2023

8 / 75

environmental and social impacts. Therefore, they are considered within the Primary Social Area of Influence.

Furthermore, the overall Social AoI of the Project covers neighbourhoods within a radius of approximately 15 km in order to understand potential impacts and appropriate mitigation measures to minimize impacts that may affect local residents' life quality, e.g. stress impact caused by traffic movement, etc.). Further details on the area of influence can be found in Table 2-1 and in *Chapter 14: Socioeconomics* of the ESIA document.

Table 2-1. Social Area of Influence

	Primary Social Area of Influence-Settlements				
Province	District	Neighbourhoods	Settlements	Description of Potential Impacts	
Province			Incirli      Karatepe,     Karayılan     and     center of	Incirli is the closest settlement to the Project site.  During construction and operation periods: impacts caused by dust, noise and vibration; impacts by conflicts caused by labor influx; impacts of acquisition of houses and farmland; impacts of life and fire risks; impacts of employment opportunities and local procurement are expected.  During construction and operation periods: impacts caused by dust, noise and vibration;	
Adana			Kurtpınar	impacts by conflicts caused by labour influx; impacts of acquisition of houses and farmland; impacts of traffic; impacts of infrastructure risks; impacts of life and fire risks; impacts of employment opportunities	
				and local procurement are expected.	
				During construction and operation periods:	
		Kurtkulağı		impacts by conflicts caused by labour influx;	
		Sarımazı		impacts of acquisition of farmland;	
				impacts of traffic;	
				impacts of employment opportunities and local procurement are expected.	
	Yumurtalık • Gölovası			During construction and operation periods:	
				impacts of terrestrial and marine traffic is expected.	

ESIA Final Draft Report February 2023

Project No: 21/003 9 / 75

Primary Social Area of Influence-Businesses			
В	usinesses	Description of Potential Impacts	
Cengiz Restaurant/Incirli		It is expected that the business potential will increase due to the Project related activities. The impacts mentioned above for the Incirli settlement are also compatible for Cengiz Restaurant.	
Esentepe Kil	lyos Restaurant/Incirli	Esentepe Kilyos Fish Restaurant is located within the boundaries of the Project site. The fish restaurant is currently closed.	
	Primary Social Area	of Influence-Fishermen	
	Location	Description of Potential Impacts	
Fishe	ermen in Incirli	Marine traffic and restricts may affect ficking estimits	
Fisherr	men in Gölovası	Marine traffic and restricts may affect fishing activity.	
Primary	Social Area of Influence-Affect	cted Households and Land Users/Owners	
Households ar	nd Land Owners/Users	Description of Potential Impacts	
House	eholds in Incirli	Feanamic and/or physical displacement	
Land owr	ners/users in Incirli	Economic and/or physical displacement	
	Primary Social Area	a of Influence-Facilities	
	Facilities	Description of Potential Impacts	
	OTAŞ and Botaş International (BIL)	Traffic, pressure on infrastructure, labor influx, risk of fire can affect facilities.	
TORO	S Agri-Industry		
		a of Influence-Schools	
	Schools	Description of Potential Impacts	
Turkish Petroleum	rm Primary School Pipeline Company (BOTAŞ) School and Kindergarten	Traffic, pressure on infrastructure, labor influx, risk of fire can affect schools.	
		rea of Influence-Workers	
Project Workers (	including third party workers)	Potential risks related to labour and working conditions, etc.	
	Secondary Soci	al Area of Influence	
Province	District	Neighborhoods	
Ceyhan	<ul> <li>Sağırlar</li> <li>Aydınlar</li> <li>Narlık</li> <li>Selimiye</li> <li>Hamidiy</li> <li>Çiftlikler</li> </ul>	<ul> <li>Erenler</li> <li>Değirmendere</li> <li>Çevretepe</li> <li>Dokuztekne</li> <li>Körkuyu</li> <li>Soğukpınar</li> <li>İmran</li> <li>Dutlupınar</li> </ul>	
Yumurtalık Erzin	<ul> <li>Hamzalı</li> <li>Narlıören</li> <li>Sugözü</li> <li>Yukarıburna</li> <li>Aşağıburnaz</li> <li>Turunçlu</li> </ul>		
Project Workers (inc Supply Chain Worke	cluding third party workers)		

The locations of nearby neighbourhoods and sensitive receptors in the vicinity of the Project site are illustrated in Figure 2-3.

ESIA Final Draft Report February 2023

Project No: 21/003 10 / 75

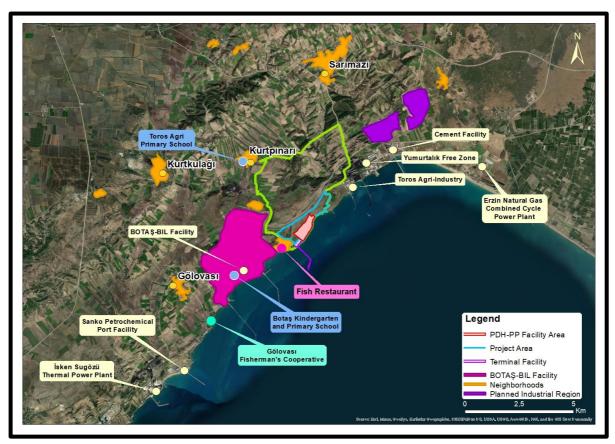


Figure 2-3. Nearby neighbourhoods and sensitive receptors in the vicinity of the Project site

#### 2.3 Project Program

Project Company is seeking finance from multinational Financial Institutions (FIs) to fund the development of the Project. Potential lenders for the Project are CESCE (The Spanish Export Credit Agency), UKEF (UK Export Finance), IFC (International Finance Corporation), DFC (U.S. International Development Finance Corporation), ING Bank and EBRD (European Bank for Reconstruction and Development). One of the requirements of these FIs for granting loans is the preparation of an ESIA Report. It has been agreed with the Project Company that the ESIA Report will be prepared to comply with the requirements of Equator Principles IV (dated July 2020), IFC's Performance Standards (PSs) on Environmental and Social Sustainability (dated January 2012) and EBRD's Performance Requirements (PRs) (dated April 2019) for key areas of environmental and social issues. In addition to the IFC PSs and EBRD PRs; IFC Environmental, Health and Safety (EHS) General Guidelines, IFC EHS Guidelines for Large Volume Petroleum-based Organic Chemicals Manufacturing, IFC EHS Guidelines for Petroleum-based Polymers Manufacturing and other relevant international guidelines as well as national legislation will be considered during the ESIA process.

Planning of the construction works of the Project is finalized in June 2022, and early works regarding site preparation, geotechnical studies and excavation works has been started in July 2022. PDH-PP Facility and Terminal Facility (The Project and associated facility) is divided in

ESIA Final Draft Report February 2023

Project No: 21/003 11 / 75

two separate investment projects constructed by two separate investors (two SPVs). On the other hand, due to the dependency of two projects, the Project Company and SPV of the Terminal Facility agreed to construct both projects with same Engineering Procurement and Construction (EPC) Contractor. Due to these reasons, construction planning of both projects was planned in parallel, and construction works of the Project and associated facility will be performed simultaneously. According to the construction planning of EPC Contractor, same Mobilization area including with all units and temporary storage areas will be used for construction of the Project associated facility. By considering this construction planning and associated project condition of the Terminal Facility, construction impacts of both projects are collectively assessed in the ESIA Process.

This ESIA study is based on the construction schedule, both the Project and for the Terminal Facility, provided by the EPC Contractor and further illustrated in Table 2-2.

The Phase-1 Early Site Works period of the Project will last 6 months. The Phase-2 Main Construction Works period of the Project will last for 38 months (including engineering, procurement, and commissioning activities); whereas the Project Company will be responsible for the operation of the Project for 49 years. The following key activities are planned as part of the Project:

Table 2-2. Tentative Project schedule

Phase	Works	Duration
Early Works	Detail Engineering (Process, and Procurement Engineering)	May 2021 - October 2022
	2. Site Preparation works	July 2022 - October 2022
	Detail Engineering (Process, HSE, Civil, Structure, Architecture, Mechanical, Piping, Electrical, Instrument Engineering)	March 2023 - October 2024
Main EPC Works	Procurement (Mechanical, Piping, Electrical, Instrument, Structural Steel, Fire-fighting, HVAC)	April 2023 - February 2025
	4. Construction and Pre-commissioning Works	March 2023 - December 2025
	5. Terminal Facility	March 2023 - April 2026
	6. Commissioning of Terminal Facility	February 2026 - April 2026
Operation	Operation	Following 49 years

The construction work is proposed to be 24 hours per day in shifts and 7 days a week. Construction activities will usually be conducted at daytime, however, when it is necessary, the activities will be conducted also at night-time during construction phase of the Project. The construction site facilities (including offices, dormitory, canteen, activity hall, warehouse, utility center, education hall etc.) will be located outside the Project Area to the northeast to be used temporarily during construction phase of the Project. The mobilization area will be designed to host 4,500 workers and will have a total footprint of 193,319 m<sup>2</sup>.

#### 2.4 Potential Environmental and Social Issues

The key potential environmental and social impacts of the Project were identified and assessed during the ESIA process. These key issues are outlined below:

- Air quality: Impacts during construction may occur as a result of dust and exhaust emissions caused by construction activities, transportation of construction materials and resources, and transport of excavated soils from outside the Project site. The operational phase impacts include exhaust air from production; ventilation of gases and fugitive emissions released from storage areas; emissions related to the power generation, if any.
- **Noise:** The Project has the potential to cause noise during construction by equipment use, piling, working vehicles and construction traffic which may affect nearby areas (e.g., residential/industrial areas and marine ecology). Potential noise during operation is related with the increase in road traffic, production units and power generation.
- Wastewater: Sanitary wastewater will be generated by the workers during construction and by workers/ personnel during operation. In addition, industrial wastewater will be generated in the operation phase. There will be an industrial wastewater treatment plant within the Project site to treat wastewater to be generated from production processes.
- **Blasting:** There will be blasting for 10 months during the construction phase. Air pressure, vibration and flyrock may occur in this process.
- Waste Management: There will be waste generation during construction activities that
  include excavated soils, solid wastes, construction wastes (such as steel, cables,
  packaging) and hazardous wastes (such as waste oil, oily rags) which will require
  disposal. During operation, there will be generation of domestic wastes, general
  hazardous wastes, wastewater sludge and chemical wastes.
- Traffic and transport: The increase in onshore and offshore traffic during the
  construction and operation phases of the Project are evaluated. Especially during the
  construction period, road and traffic arrangements will be made due to the
  transportation of heavy loads.
- Socio-economic impacts: As a result of the development of the Project, it is anticipated that significant decrease in import dependency for polypropylene will occur. Project will create employment opportunities and may positively affect the local businesses during construction and operation phases. On the other hand, increase of population with non-local people in the region due to construction of the Project is expected as negative impact.
- Worker/operational personnel health and safety: Activities during construction carry the risk of injury or damage to workers. Related to operation, impacts may occur

through exposure to hazardous materials/waste; through fire risks related to storage, handling and presence of chemicals and flammable substances.

- Community health, safety and security: Impacts might be associated with dust, noise and vibration generation during construction activities which may affect nearby communities. Construction impacts are also associated with increase of road traffic and workers' influx. Impacts during operation phase are related to the increase in road traffic, potential emergency situations such as chemical spills and fire related to storage, handling and presence of chemicals and production activities.
- Cultural heritage: Relevant impacts are associated with potential damage to the ancient waterway and chance finds.

Potential risks and impacts of the Project are analysed and assessed in detail in the ESIA document. Relevant measures to mitigate and manage impacts are determined accordingly.

**ESIA Final Draft Report** February 2023 14 / 75

### 3 NATIONAL LEGAL REQUIREMENTS AND INTERNATIONAL STANDARDS

In terms of Turkish regulatory requirements, the scope of both terrestrial and marine sections of the Project falls within the scope of the Turkish EIA Regulation. In the EIA regulation, petrochemical facilities (i.e. terrestrial section) and ports (i.e. marine section) fall under Annex I (i.e. item 29 Facilities where oil, natural gas, petrochemicals and chemicals are stored, with a total capacity of 50,000 m³ and above). Therefore, the Project is subject to full EIA process.

At the time of preparation of this Report, the national EIA procedures for the Ceyhan Polypropylene Production Facility Project covering the Terrestrial Section and the Raw Material Supply, Storage and Port Facility Project (CPIR Port) that includes the Marine Section (jetty) of the Ceyhan PDH-PP Project are already completed and the EIA Positive Decisions dated 18.10.2020 were given by the MoEUCC (former MoEU). During the EIA process for the Terminal, a public participation meeting could not be held due to covid-19 restrictions.

#### 3.1 National Legislation

The Turkish environmental legislation is in parallel with the EU Legislation due to the Turkey's harmonization process to EU. The baseline for the environmental impact of this Project is the Environmental Law No. 2872 (Official Gazette dated 11.08.1983 and numbered 18132). On the other hand, the EIA principles and procedures are detailed in the Environmental Impact Assessment Regulation (last version: Official Gazette dated 29.07.2022 and numbered 31907).

'The Constitution of the Republic of Turkey' is the main document related to the stakeholder engagement and consultation for the Project. The key articles of the Constitution related to stakeholder engagement are listed below:

Article 25: Freedom of Thought and Opinion – Everyone has the right to freedom of thought and opinion. No one shall be compelled to reveal his thoughts and opinions for any reason or purpose, nor shall anyone be blamed or accused on account of his thoughts and opinions.

Article 26: Freedom of Expression and Dissemination of Thought – Everyone has the right to express and disseminate his thoughts and opinion by speech, in writing or in pictures or through other media, individually or collectively. This right includes the freedom to receive and impart information and ideas without interference from official authorities.

Article 56: Health, the Environment and Housing – Health Services and Conservation of the Environment – Everyone has the right to live in a healthy, balanced environment. It is the duty of the state and citizens to improve the natural environment, and to prevent environmental pollution.

ESIA Final Draft Report February 2023

15 / 75

Article 63: Conservation of Historical, Cultural and Natural Wealth – The state shall ensure the conservation of the historical, cultural and natural assets and wealth, and shall take supportive and promotive measures towards that end.

Article 74: Right of Petition – Citizens and foreigners resident considering the principle of reciprocity have the right to apply in writing to the competent authorities and to the Turkish Grand National Assembly regarding the requests and complaints concerning themselves or the public.

#### CIVIL LAW NO. 4721

Real property rights and restrictions are defined under relevant section of Civil Law (Issued 08.12.2001, Official Gazette No. 24607). The provisions of the Civil Law will be considered and met in all phases of the Project.

#### LAW ON THE RIGHT TO INFORMATION NO. 4982

The Law on the Right to Information No. 4982 (Issued 24.10.2003, Official Gazette No. 25269) states that the public has the right to receive information and complain about the progress and implementation of projects. The Act is related to the activities of public institutions and organizations as well as professional organizations with public institution status. The public have to be granted, or denied, access to the requested information or document within 15-30 working days. The Act also contains public grievance procedures in case access is denied. The right to information covers the principles of equality, impartiality and openness that are the necessities of a democratic and transparent government.

#### LAW ON THE USE OF RIGHT TO PETITION NO. 4982

Turkish citizens have the right to apply in writing to the Turkish Grand National Assembly and the associated authorities with regard to the requests and complaints concerning themselves or the public according to Article 3 of said Law (Issued 01.11.1984, Official Gazette No. 3071). Foreigners resident have this right considering the principle of reciprocity and drawing up petitions in Turkish.

#### **EXPROPRIATION LAW NO. 2942**

The administration action of the expropriation process is done in line with said Law (Issued on 08.11.1983, Official Gazette No. 18215) according to its purpose, authorisation, procedure, reason and subject of the action.

REGULATION ON ENVIRONMENTAL IMPACT ASSESSMENT (EIA REGULATION) NO. 31907

The Regulation entered into law in 2014, being amended in 2016, 2017,2019, and 2022. The Regulation sets out the procedures and principles of EIA in Turkey and the authority of the

ESIA Final Draft Report February 2023

Project No: 21/003

Ministry of Environment, Urbanization and Climate Change to determine rule on the status of EIA projects, or delegate this decision to local authorities. The regulation also covers provision on the topics of EIA reports, EIA procedures and processes, monitoring and inspection regimes, and effective EIA and environmental management procedures.

#### 3.2 International Standards

As Ceyhan PP A.Ş. is planning to approach international financial institutions for the development of the Project, the Project needs to comply with the requirements of IFC PS 1, EBRD Environmental and Social Policy, EBRD PR 10 and Equator Principles Principle 5. IFC and EBRD are committed to stakeholder engagement that is free of manipulation, interference, coercion, and intimidation, and conducted on the basis of timely, relevant, understandable and accessible information, in a culturally appropriate format.

IFC PS1 (Assessment and Management of Environmental and Social Risks and Impacts), EBRD PR10 (Information Disclosure and Stakeholder Engagement) and Equator Principle P5 (Stakeholder Engagement) describe stakeholder engagement as an on-going process and in summary require the following:

- I. identification of stakeholders that are or could be affected by the project, as well as other parties that may have an interest in the project (affected people, communities, businesses and relevant governmental bodies, general public);
- II. ensuring that such stakeholders are appropriately engaged on environmental and social issues that could potentially affect them through a process of information disclosure and meaningful consultation;
- III. outline a systematic approach to stakeholder engagement that will help the client build and maintain a constructive relationship with their stakeholders on an ongoing basis through meaningful engagement during project implementation.

EBRD requires its clients to disclose sufficient information about the risks and impacts arising from projects, engage with stakeholders in a meaningful, effective, inclusive and culturally appropriate manner and take into consideration the feedback provided through such engagement.

In summary, stakeholder engagement should start at an early stage of the ESIA process and continue throughout the Project life cycle. A grievance mechanism needs to be established as well to facilitate resolution of stakeholder's concerns and grievances about the client's environmental and social performance. According to best practice and the EBRD/IFC requirements, Ceyhan PP A.Ş. is now offering consultation opportunities for stakeholders as described in the following sections.

International funders evaluate projects according to their category based on the magnitude of potential impacts and risks. IFC, EBRD and Equator Principles III categorizations for projects

are very similar. At its current state, no Lenders have been involved in the Project; however, the view is that the Project is likely to fall into Category A. The final categorization will be confirmed at a later stage in consultation with the funders. Detailed evaluations regarding national and international requirements can be found in Chapter 4: Scope and Methodology.

**ESIA Final Draft Report** February 2023 18 / 75

#### 4 STAKEHOLDER IDENTIFICATION

For the purposes of this SEP, a stakeholder is defined as any individual, organization or group who is potentially affected by the Project or who has an interest in the Project and its impacts. The purpose of stakeholder identification is to identify and prioritize Project stakeholders for consultation who may be affected (either directly or indirectly in positive or negative way) by the Project or who have an interest in the Project but are not necessarily directly impacted by the Project. It is important to note that stakeholder identification is an ongoing process, and thus stakeholders will continue to be identified during different stages of the Project.

Project stakeholders are divided into 3 key groups: affected parties, interested parties and vulnerable groups. Affected parties include stakeholders that might be directly or indirectly affected by a Project. Interested parties include individuals, groups or institutions that will not be directly affected by the Project but whose interests might be affected. This category describes government bodies, NGOs and educational institutions, etc. Vulnerable groups are people who might be directly and differentially or disproportionately affected by a Project because of their disadvantaged or vulnerable status. This disadvantaged or vulnerable status may stem from an individual's or group's race, color, sex, language, religion, political or other opinion, national or social origin, property, birth, or other status (IFC PS1).Of the stakeholders within the affected party, the key primary stakeholder group will be the local communities around the Project site including neighbouring land users (particularly related to impacts during construction), those directly affected by land acquisition and the general public.

Interested parties include authorities at national, regional and district level, and non-governmental organizations (NGOs). A number of different have been identified for the Project with responsibilities and interests relevant to the Project and its impacts. A stakeholder database has been established including the name of the representatives and contact details of each stakeholder identified. This database will be reviewed and updated as the Project proceeds.

Information on the vulnerable groups were obtained from the Community Level Survey with the head of neighborhoods. The criteria used for evaluating an individual or group as vulnerable was based on the IFC definition described above and included:

- Race;
- National or social origin;
- Color;
- Language;
- Age;
- Disability;
- Poverty;

- · Civil Status;
- Living off the unique resources of a project area.

The sources of the main impacts on vulnerable people in the region are identified as air quality, traffic density and employment opportunities. Vulnerable groups identified in communities depending on the Community Level Survey carried out are given in Appendix-A.

Stakeholder groups are discussed in Table 4-1.

Table 4-1. Stakeholder Groups

	Stakeholder Type Potential Impact				
		Sta	Potential Impact on Stakeholders /		
	Stakeholder Groups	Type of Exposure	Cause of Exposure	Stakeholders' Interest	
Aff	ected Parties				
•	Local communities (Kurtpınarı, Kurtkulağı, Sarımazı, Golovası)	Direct/Negative	Construction and operation period activities of the Project	Settlements that have the potential to be directly negatively affected by Project activities due to their proximity to the Project site, issues related to land acquisition, etc	
•	Businesses (Cengiz Restaurant and Esentepe Kilyos Fish Restaurant)	Direct/Both Negative and Positive	Construction and operation period activities of the Project	They can be affected positively in terms of local procurement and negatively in terms of potential displacement impacts.	
•	Fishermen in Incirli and Golovasi	Direct/Negative	Marine traffic	Potential impacts might relate to limitation of marine area use, relevant safety and livelihood impacts.	
•	Schools (Toros Tarım Primary School and BOTAŞ Primary School and Kindergarten).	Direct/Negative	Construction and operation period terrestrial traffic	It may be negatively affected by the Project activities, especially by traffic.	
•	Project workers; Supply chain and 3rd parties' workers; Associated Facility's direct and indirect workers.	Direct/Positive	Construction and operation period activities of the Project	A positive impact is expected in terms of employment. Risks related to labour and working conditions.	
•	Households and organizations potentially affected by economic displacement	Direct/Negative	Potential economic displacement	Negative impact is expected due to economic displacement (associated with land acquisition,	

ESIA Final Draft Report February 2023

Project No: 21/003

	Sta	akeholder Type	Potential Impact		
Stakeholder Groups	Type of Exposure	Cause of Exposure	on Stakeholders / Stakeholders' Interest		
			impacts on		
Households affected by physical displacement	Direct/Negative	Potential physical displacement	livelihoods)  Negative impact is expected due to economic and/or physical displacement		
In	terested Parties		(resettlement)		
Governmental Bodies	Indirect	Potential involvement as per	A positive impact is		
		legal requirements	expected with taxes generated by the Project. Governmental bodies might take part in permitting process, land acquisition process or arrangement of consultations with communities.		
CPIR Management	Indirect	Construction and operation period activities of the Project	Coordination on provision of infrastructure services, mitigation of impacts .		
Other businesses in the area (BOTAŞ, TOROS etc.)	Indirect	Construction and operation period activities of the Project	Positive impact is expected due to potential business opportunities. Potential negative impact is expected due to dust, noise and traffic. Potential cooperation on management of cumulative impacts.		
Construction period contractor (EPC contractor and Its subcontractors);     Operational period contractors (O&M Company of the Project, Terminal Facility Company).	Indirect	Working within the scope of the project	Positive impact is expected due to potential business opportunities.		
NGO's	Indirect	Construction and operation period activities of the Project	Environmental and social impacts of the Project (depending on NGO's field)		
Universities	Indirect	Construction and operation period activities of the Project	Internship for students, employment opportunities for graduates.		
Vulnerable Individuals or Group	Vulnerable Individuals or Groups				
The following vulnerable groups	Indirect/Negative	Construction and operation period activities of the Project	Vulnerable groups might be disproportionately		

ESIA Final Draft Report February 2023

Project No: 21/003 21 / 75

	Sta	Potential Impact	
Stakeholder Groups	Type of Exposure	Cause of Exposure	on Stakeholders / Stakeholders' Interest
were identified as part of the ESIA process:  Children; People over 65 years; People having chronical disorder or in need of special care; Disabled people (mentally and/or physically); People who do not have health insurance; People earning below the minimum wage/receiving donations from state or foundations; Female-headed households. See Appendix A and Section 14.3.8 of Chapter 14 Socioeconomic of the ESIA report for more detail.			affected by adverse Project impacts.

Neighbourhoods which can be affected or interested by the Project due to their location nearby the Project site and at a wider distance (within a radius of approximately 15 km to the Project area) are also considered and include 24 neighbourhoods that are subordinates of the three districts of the Adana province: Ceyhan, Yumurtalık and Erzin were identified (see Table 4-2).

Table 4-2. Neighbouring Settlements

District	Settlement (Neighbourhood)		
Ceyhan	<ul> <li>Kurtpınar (İncirli and Karatepe)</li> <li>Kurtkulağı</li> <li>Sarımazı</li> <li>Sağırlar</li> <li>Aydınlar</li> <li>Narlık</li> <li>Selimiye</li> <li>Hamidiye</li> <li>Çiftlikler</li> <li>Erenler</li> <li>Değirmendere</li> <li>Çevretepe</li> <li>Dokuztekne</li> <li>Körkuyu</li> <li>Soğukpınar</li> <li>İmran</li> <li>Dutlupınar</li> </ul>		
Yumurtalık	<ul><li>Gölovası</li><li>Hamzalı</li><li>Narlıören</li><li>Sugözü</li></ul>		
Erzin	<ul><li>Yukarıburna</li><li>Aşağıburnaz</li><li>Turunçlu</li></ul>		

The settlements listed in Table 4-2 are considered as important stakeholders particularly due to such impacts as noise and air quality impacts and potential traffic increase.

The map showing the neighbourhoods and sensitive receptors within potential AoI is given in Figure 4-1.

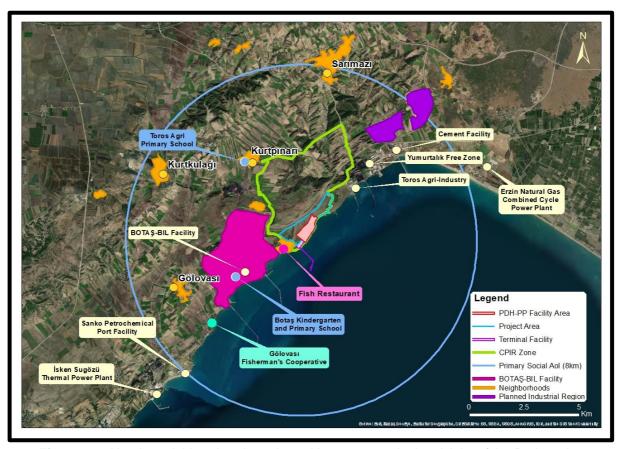


Figure 4-1. Nearby neighbourhoods and sensitive receptors in the vicinity of the Project site

Among the neighbourhoods in potential AoI of the Project, the closest settlement is the Kurtpınar neighbourhood with its two localities: İncirli and Karatepe. The Kurtpınar neighbourhood centre is located at the northwest approximately 3.5 km distance. The İncirli locality is approximately 50 m to the southwest to the Project site boundary and the Karatepe locality is at approximately 2.2 km to the northwest.

In addition to the 24 localities, the public housing facilities (approx. 1,000 residents) that belong to BOTAŞ Facility (BOTAŞ and Botaş International (BIL)) are located to the west (approximately 1-2 km distance) of the Project site. Moreover, Toros Agri Industry (Toros Tarım) has a public housing facility (approximately 120 people in 35 houses) and a guest house (30 room capacity) which is located to the east of the Project site at 0.7 km distance. A detailed view of the land use in the immediate vicinity to the west of Project site is given in Figure 4-2.

ESIA Final Draft Report February 2023

Project No: 21/003 23 / 75

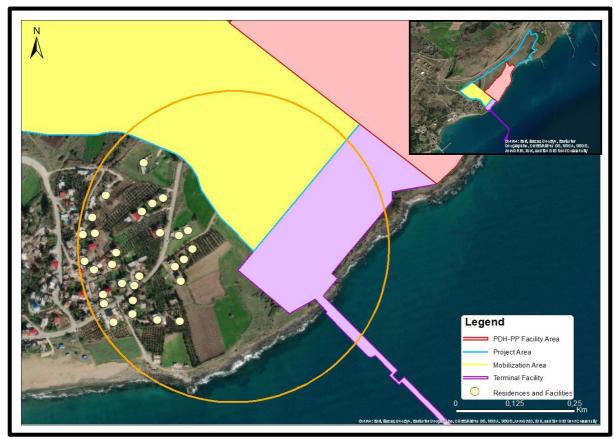


Figure 4-2. Closer view of land use in the close vicinity of the Project site

There are two primary schools around the Project site that may be impacted by the Project. Moreover, there are 3 university campuses located relatively in the proximity of the Project site. The Stakeholder List for Universities and Schools is presented in Appendix-B.

Governmental organizations can be grouped as national, regional, provincial, district and neighbourhood/village levels. These organizations include authorities with statutory responsibilities relevant to the Project or to environmental or social issues, and other bodies responsible for providing infrastructure relevant to the Project. A list of 78 governmental authorities relevant to the Project is given in Appendix-C.

A list of key NGOs (including women associations and public education centres) that may have an interest in environmental and social aspects of the Project is also prepared as given in Appendix-D.

The other stakeholders that might be interested and/or by the Project as they are located nearby the Project site and were not included above are listed in Table 4-3.

Table 4-3. Stakeholder List for Nearby Receptors

Organization	Relation to the Project
BOTAŞ Regional Directorate of Petroleum Enterprises, (BIL- BTC) Ceyhan Marine Terminal	
Botaş Port Authority	
ASCHEM Petrochemical Industry and Trade Inc.	
ISKEN-Sugözü Power Plant	
TOROS Agriculture	Their views on the Project are
Toros-Adana-Yumurtalık Free Zone Investor A.Ş. (TAYSEB)	important due to the proximity to
Akdeniz Shipyard	the Project site.
LİKİT KİMYA- Adana Yumurtalık Terminal	
Erdemoğlu Holding - SASA Petrochemical Facility	
CFS Petrochemical Istanbul	
Neighbouring businesses to the Project Site (Cengiz Restaurant and Kilyos Esentepe Fish Restaurant)	

#### Other nearby receptors of concern include:

- Fish restaurant and cottages located adjacent to the western border of the Project site in Incirli locality of Kurtpınar neighbourhood (Cengiz Restaurant and Esentepe Kilyos Fish Restaurant (It was closed in August 2022));
- Fishermen in Gölovası and Incirli: There are two fishing settlements in the Aol İncirli
  and Gölovası. Although İncirli is closer to the Project area, fishing activities are less
  intense here than in Gölovası. During the field studies, it was determined that there
  were 7 boats in İncirli. Fishing is more developed in Gölovası and primary source of
  income for more than 20 fishermen is fishing;
- Public housing of BOTAŞ Ceyhan Marine Oil Terminal and Toros Agri-Industry;
- Users of Forestation and Forest Areas and scattered vacant lands in the potential impact area of the Project.

Furthermore, after the realisation of the planned CPIR project the project site and relevant facilities will be added to the list of nearby receptors.

#### 5 STAKEHOLDER ENGAGEMENT APPROACH

This section provides an overview of the stakeholder engagement approach for different phases of the Project as described below:

- Phase 1: ESIA Study Consultations;
- Phase 2: Final Draft ESIA Disclosure;
- Phase 3: Construction;
- Phase 4: Operation;
- Phase 5: Decommissioning.

Phase 1 has been completed and the existing results of stakeholder engagement activities in this phase are explained in Section 6. Engagement activities for Phase 2 and Phase 3/Phase 4 are provided in Section 7 and Section 8, respectively. Ceyhan PP A.Ş. has used/will use different consultation approaches and methods for different phases of the Project activities and for different stakeholder groups. The main communication methods and mechanisms that have been and/or will be used to consult with key stakeholders in each phase are summarized in Table 5-1.

Table 5-1. Project Phases and Proposed Engagement Approach

Project Phase	Engagement Approach
Phase 1: ESIA Study Consultations	<ul> <li>Sending out Project Information Documents to selected governmental and non-governmental organizations;</li> <li>Sending out Project Information Document and Project Information Leaflet to selected neighbourhoods;</li> <li>Newspaper advertisements of public consultation meeting;</li> <li>Phone calls to headmen of selected neighbourhoods to inform them about the Project and invite them to the public consultation meeting;</li> <li>Public consultation meeting;</li> <li>Collect views through the contact details provided (mail address, e-mail, telephone number);</li> <li>Disclosure of information in the Project website;</li> <li>Setting up a Grievance Mechanism;</li> <li>Phone-calls and face-to-face meetings with owner and tenant of the fish restaurant and owner of the closest parcel in Incirli neighbourhood;</li> <li>Face-to-face meetings with selected governmental authorities;</li> <li>Face-to-face meetings with headmen of the surrounding neighbourhoods;</li> <li>Face-to-face meetings with the surrounding facilities;</li> <li>Face-to-face meetings with key informants (local leaders and subject-matter experts, cooperatives, local government authorities, local Non-Governmental Organizations (NGOs) and other individuals that are able to provide specific information);</li> <li>Face-to-face meetings and in-depth interviews with Project Affected People (PAP) and household surveys at local neighbourhoods within Aol;</li> <li>Focus Group Discussions in Kurtkulağı and Kurtpınar Neighbourhoods.</li> </ul>
Phase 2: Final Draft ESIA Disclosure	<ul> <li>Disclosure of Final Draft ESIA Report, ESMP, ESAP and SEP in the Project website;</li> <li>Newspaper announcements;</li> <li>Phone calls to headmen of selected neighbourhoods to invite them to the public consultation meeting;</li> </ul>

ESIA Final Draft Report February 2023

26 / 75

Project No: 21/003

Project Phase	Engagement Approach
	<ul> <li>Public consultation meeting (including a dedicated slot for women);</li> <li>Consultation with surrounding facilities;</li> <li>Face-to-face meetings with officials of Toros Tarım Primary School;</li> <li>Engagement with vulnerable groups, if any, through relevant headmen of the neighbourhoods;</li> <li>Information disclosure to vulnerable groups, if any, through headmen of the neighbourhoods.</li> </ul>
Phase 3: Construction	<ul> <li>Project website to disclose Project information and Project updates;</li> <li>Newspaper announcements, if needed;</li> </ul>
Phase 4: Operation	<ul> <li>Consultation with surrounding facilities during construction and operation as needed;</li> <li>Continuous communication and consultation with relevant regulatory stakeholders and public, as necessary;</li> <li>Implementation of a Grievance Mechanism.</li> </ul>
Phase 5: Decommissioning	<ul> <li>Project website for the disclose of Project information and Project updates;</li> <li>Newspaper announcements, if needed;</li> <li>Consultation with surrounding facilities as needed;</li> <li>Continuous communication and consultation with relevant regulatory stakeholders and public, as necessary;</li> <li>Implementation of a Grievance Mechanism.</li> </ul>

### 6 STAKEHOLDER ENGAGEMENT ACTIVITIES UNDERTAKEN TO DATE

#### 6.1 Preliminary Stakeholder Engagement Activities

Stakeholder engagement activities for the Project have started during the scoping stage of the ESIA study and continued during the preparation of the ESIA report. The preliminary stakeholder engagement activities included communications with the project stakeholders using Project Information Document and leaflets, Public Consultation Meeting and preliminary face-to-face meetings for discussions with the stakeholders to gain preliminary understanding in the progress of the scoping stage. Following these preliminary activities more detailed analysis and assessments were conducted within the scope of stakeholder engagement activities and socio-economic assessment study.

At the scoping stage a Project Information Document and Project Information Leaflet was produced in English and Turkish and were sent to identified stakeholders (listed in Section 4) as the preliminary stakeholder engagement activities. Details are given in Table 6-1 below.

Table 6-1. Details of the Preliminary Stakeholder Engagement Activities

Stakeholder Type	Engagement Method	Key Concerns/Issues
Governmental Bodies (a total number of 78, relevant list can be found in Section 4)	Project Information Document together with a cover letter and asked to comment on the Project, its potential impacts and to provide information that may be important for the ESIA study. The letters were sent as certified mail with return receipt requested to ensure that all the letters were delivered.	<ul> <li>Traffic increase and safety;</li> <li>Rent increase due to accommodation need of people who will come from outside of the region;</li> <li>Employment opportunities for local people;</li> <li>Communication with locals about the progress of the Project;</li> <li>Security of the Project site;</li> <li>Social responsibility activities;</li> <li>Social and environmental impacts;</li> <li>Possible adverse impacts on agriculture;</li> <li>Safe working environment, health and safety issues for the workers of the Project;</li> <li>Wastewater discharge;</li> <li>Use of cooling water (source, discharge and impacts);</li> <li>Action plans for a possible accident, fire, earthquake, etc;</li> <li>Marine traffic;</li> <li>Flood Risk Preliminary Assessment;</li> </ul>

ESIA Final Draft Report February 2023

Project No: 21/003 28 / 75

Stakeholder Type	Engagement Method	Key Concerns/Issues
		<ul> <li>Compliance with the related laws and regulations;</li> <li>Adverse impacts on fishing activities;</li> <li>Negative impacts on aquaculture and aquaculture resources;</li> <li>Stakeholder expectations raised during public meetings.</li> </ul>
NGOs (a total number of 63, the list of NGOs can be found in Section 4)	Project Information Document together with a cover letter and asked to comment on the Project, its potential impacts and to provide information that may be important for the ESIA study. The letters were sent as certified mail with return receipt requested to ensure that all the letters were delivered.	<ul> <li>Potential projects and facilities that may be established using the outputs (i.e., products, by-products, wastes) of the Project;</li> <li>Increase of domestic and foreign investors in the region;</li> <li>Development of the port sector in Turkey;</li> <li>Protection of the marine life, environment, ecosystem in the integrated land and property security;</li> <li>Conducting environmentally friendly activities;</li> <li>Water consumption;</li> <li>Wastewater parameters and discharge;</li> <li>Cumulative impact assessment;</li> <li>Increase in the use of plastics created by the increase in plastic supply;</li> <li>Increase in need of propane that will be necessary for producing polypropylene and therefore continuity of imports;</li> <li>Type of fuel to be used;</li> <li>Measures against air pollution;</li> <li>Hazardous and chemical waste management;</li> <li>Handling of sludge from wastewater treatment;</li> <li>Groundwater usage;</li> <li>Storage of flammable materials and related measures;</li> <li>Employment of women in the facility;</li> <li>Contribution to vocational training in the region;</li> </ul>

ESIA Final Draft Report February 2023

Project No: 21/003 29 / 75

Stakeholder Type	Engagement Method	Key Concerns/Issues
		<ul> <li>Prioritizing local establishments in supply chain;</li> <li>Cooperation with local organisations for the development of the region;</li> <li>Protection of agricultural production;</li> <li>Development of the petrochemical industry;</li> <li>High earthquake risk in the region;</li> </ul>
Universities (a total number of 3, the list of universities can be found in Section 4)	Project Information Document together with a cover letter and asked to comment on the Project, its potential impacts and to provide information that may be important for the ESIA study. The letters were sent as certified mail with return receipt requested to ensure that all the letters were delivered.	No feedback was provided.
Headmen of 24 neighbourhoods (including neighbourhoods in the immediate vicinity and neighbourhoods at a wider distance within approximately 15 km as identified in Section 4)	A project information pack (including 5 Project Information Documents, 25 Project Information Leaflets and 25 Comment/Complaint Form) were sent together with a cover letter to headmen of 24 neighbourhoods to provide information on the planned Project and related impacts, ongoing environmental and social impact assessment and to provide opportunity to express views and concerns about the Project, and to inform how views/concerns can be submitted. The letters were sent as certified mail with return receipt requested to ensure that all the letters were delivered.  Prior to sending the information, the headmen were contacted by phone to inform them about the aim of the project information pack and they were requested to distribute the leaflets in their neighbourhoods.	<ul> <li>Employment expectations;</li> <li>Ecological impacts;</li> <li>Concerns about environmental pollution;</li> <li>Waste management;</li> <li>Occupational health and safety for those who will be employed in the Project;</li> <li>Balance between working hours and wages;</li> <li>Benefits of the Project</li> <li>Conducting environmentally friendly activities;</li> <li>Recruitment of disabled people;</li> <li>Development of the region</li> <li>Providing sufficient; information throughout the development of the Project;</li> <li>Economical contributions;</li> <li>Measures for protection of the environment.</li> </ul>
Project EIA Public Consultation Meeting (PCM)	A meeting was held on 21.01.2020 in Sarımazı's Old Municipality building in order to inform about the EIA report of the Project and to get the opinions of the public. A total of 44 people attended the meeting.	<ul> <li>Air pollution;</li> <li>Air gas emissions;</li> <li>Source of water to be used within the scope of the Project;</li> <li>Possible impacts on regional agricultural activities;</li> <li>Expropriation process;</li> <li>Local employment;</li> <li>Storage of chemicals;</li> <li>Soil Pollution.</li> </ul>

ESIA Final Draft Report February 2023

Project No: 21/003 30 / 75

Stakeholder Type	Engagement Method	Key Concerns/Issues
Public Consultation Meeting	A PCM was held on 6th March 2020 in Kurtkulağı Neighbourhood in Ceyhan District. The meeting location is selected based on its proximity to the Project site as well as its suitability to accommodate the potential attendees.  A total of 58 people attended the PCM; including 35 people from Kurtkulağı, 8 people from Kurtpınar, 7 people from Sarımazı, 2 people from Gölovası, 2 people from Ulus, 1 person from Sağırlar, 1 person from Narlık, 1 person from Hürriyet as well as 1 delegate of Development of Tourism in Yumurtalık and Protection of Environment Association.  The meeting was announced via advertisements in one national (25.02.2020) and one local (27.02.2020) newspaper in advance of the PCM and the advertisement was repeated at the same newspapers a week later on 02nd March 2020.  The meeting was also announced from mosques to local people. Ceyhan Polipropilen A.Ş. (Project Company) representatives and HaskoningDHV TR Engineering Inc. (RHDHV-TR) initial ESIA Project team members were present during the PCM. The meeting started with a brief on the Project, including fields of use of polypropylene, given by the Project Company representatives; followed by RHDHV-TR Project team's presentation summarizing the main features of the Project and ESIA process as well as stakeholder engagement process and activities has been and to be undertaken. Photographs from the public consultation meeting and meeting notes are presented in Appendix E and Appendix F, respectively.	<ul> <li>Employment expectations;</li> <li>Ecological impacts;</li> <li>Concerns about environmental pollution;</li> <li>Waste management;</li> <li>Occupational health and safety for those who will be employed in the Project;</li> <li>Balance between working hours and wages;</li> <li>Benefits of the Project;</li> <li>Conducting environmentally friendly activities;</li> <li>Recruitment of disabled people;</li> <li>Development of the region;</li> <li>Providing sufficient information throughout the development of the Project;</li> <li>Economical contributions;</li> <li>Measures for the protection of the environment.</li> </ul>
Stakeholder Engagement Meeting about Early Construction Works	A meeting was held in Kurtpınarı Neighbourhood on 06.07.2022 to provide information about the early works. The meeting location was selected based on its proximity to the Project, area as well as its suitability to accommodate the potential attendees. A total of 21 participants attended the meeting.	<ul> <li>Employment opportunities;</li> <li>Blasting activities;</li> <li>Grievance Mechanism;</li> <li>Information about the resettlement process.</li> </ul>

In addition to the abovementioned activities, a social survey was conducted comprising of face-to-face meetings with the governmental authorities, headmen, Toros Tarım Primary School, nearby facilities, and focus groups, which were selected based on the interest and relevance for the Ceyhan PDH-PP Project (Project), as well as proximity to the Project site. During the social survey Project Company representatives and HaskoningDHV TR Engineering Inc. (RHDHV-TR) initial Environmental and Social Impact Assessment (ESIA) Project team members were present. The survey was conducted on 10-12<sup>th</sup> February 2020. Face-to-face meetings were held with the following governmental authorities:

- Adana Metropolitan Municipality;
  - Directorate of Planning and Urbanization;
  - Directorate of Environmental Protection and Control, Waste Management Branch;

ESIA Final Draft Report February 2023

Project No: 21/003 31 / 75

- License and Supervision Department;
- Directorate of Planning and Urbanization;
- Directorate of Projects;
- 6<sup>th</sup> Regional Directorate of DSI (State Hydraulic Works);
- Adana Regional Board Directorate of Cultural Assets Protection;
- · Ceyhan Municipality;
- Adana Water and Sewerage Administration Adana ASKİ;
- Adana Provincial Directorate of Environment, Urbanization and Climate Change (Adana PDoEUCC).

Furthermore, three (3) neighbourhoods (Kurtpınar, Kurtkulağı and Sarımazı) were selected to conduct face- to- face meetings based on their proximity to the Project site and high potential to be impacted by the Project development. It is worth to mention that Kurtpınar headman is the responsible local authority for Kurtpınar centre, İncirli, Karatepe and Karayılan localities.

Focus group discussions (FGDs) were organized in Kurtpınar and Kurtkulağı neighbourhoods with the participation of the headmen and residents (20 residents from Kurtkulağı neighbourhood and 4 residents from Kurtpınar neighbourhood). Women have also raised their concerns and recommendations during the FGDs; they preferred to attend to the FGDs together with the men; therefore, no separate session was organized for women. The reason for this is that women stated that they play a similar role to men men in decision-making process and they do not prefer the idea of conducting separate meetings. However, women's opinions have been nevertheless considered as part of stakeholder engagement process. In particular, during the focus group discussions, women provided general information about the region and expressed their concerns related to communities and i the Project.

The issues raised by the women during the FGDs are as follows:

- Young adults who maintain their lives by conducting fishing activities in the neighborhood are uncomfortable with hunting prohibitions;
- The trees on the site were moved, but many trees were damaged because they were not moved properly and carefully;
- The facilities to be built might affect livestock;
- Compensations provided for houses and land plots are insufficient, and there are also landowners who have not yet received compensations.

Women stated that there were no issues related to discrimination, violence or harassment against women in the region.

A meeting was held on 6<sup>th</sup> March 2020 with Gölovası neighbourhood headman, who is also in charge of the S.S.S. Gölovası Neighbourhood Aquaculture Cooperative. The key issues that were raised during the face-to-face meetings with governmental authorities, headmen and

Toros Tarım Primary School, neighbouring facilities, S.S.S. Gölovası Neighbourhood Aquaculture Cooperative and during PCM are presented in the Table 6-2 below.

Table 6-2. Outcomes of the face to face meetings with the interested and affected stakeholders

Table 6-2. Outcomes of the face to face meetings with the interested and affected stakeholders		
Stakeholder	Key Issues Discussed	
Adana Metropolitan Municipality     Directorate of Planning and Urbanization     Directorate of Environmental Protection and Control, Waste Management Branch     License and Supervision Department     Directorate of Planning and Urbanization     Directorate of Projects     6 <sup>th</sup> Regional Directorate of DSI (State Hydraulic Works)     Adana Regional Board Directorate of Cultural Assets Protection     Ceyhan Municipality     Adana Water and Sewerage Administration – Adana ASKİ     Adana Provincial Directorate of Environment and Urbanization (Adana PDoEU)     (10-12 <sup>th</sup> February 2020)	<ul> <li>Zoning plans for the region;</li> <li>Waste disposal sites;</li> <li>Status of cultural assets within and in the vicinity of the Project site;</li> <li>Port reception facilities in Yumurtalık Bay;</li> <li>Standards for Deep-sea discharge and natural capacity of Yumurtalık Bay to handle deep sea discharge;</li> <li>Groundwater and surface water sources in the region;</li> <li>Ongoing water supply projects/studies;</li> <li>DSI's view on provision of secure and reliable water both for communal and industrial use;</li> <li>Wastewater collection and treatment utilities in the region;</li> <li>Complaints about the industrial facilities operating in the region;</li> <li>Air quality monitoring in the region;</li> <li>Marine accidents and emergency drills in the region.</li> </ul>	
Headmen of the Affected Kurtpınar, Kurtkulağı and Sarımazı Neighbourhoods     FGD in Kurtpınar and Kurtkulağı Neighbourhoods     Toros Tarım Primary School     10-12 <sup>th</sup> February 2020	<ul> <li>Demographic information of the neighbourhoods;</li> <li>Job opportunities during both construction and operation phases of the Project;</li> <li>Providing vocational training courses to educate the local communities to be employed in the Project;</li> <li>Heavy traffic in the region;</li> <li>Complaints/concerns related to the existing environmental conditions (e.g., dust, quality of water courses, etc.);</li> <li>Concerns related to expropriation of land conducted by MoIT within the CPIR Project site, outside of Ceyhan PDH-PP Project site.</li> </ul>	
Neighbouring Facilities to the Project Site (10-12 <sup>th</sup> February 2020)	<ul> <li>Technical/operational and environmental and social background information on the facilities and public housings/schools;</li> <li>Environmental and social monitoring studies conducted in the region;</li> <li>Marine traffic;</li> <li>Emergency drills, fire safety, and accident management;</li> <li>Ongoing stakeholder engagement activities;</li> <li>Experiences on the region/operational activities;</li> <li>Heavy traffic in the region;</li> <li>Complaints/concerns related to the existing environmental conditions (e.g., dust, quality of water courses, etc.);</li> <li>Future developments in the region.</li> </ul>	
S.S.S. Gölovası Neighbourhood Aquaculture Cooperative	The restriction of coastal fishing activities;	

ESIA Final Draft Report February 2023

Project No: 21/003 33 / 75

Stakeholder	Key Issues Discussed
(06.03.2020)	Increase of time spent for round trips by fishermen.

Additional feedbacks received regarding the Project through different channel of communication means can be found in Table 6-3 below.

Table 6-3. Additional feedbacks received from the Stakeholders during the initial ESIA Study

Stakeholder	Contact Method	Key Issues Discussed
Owner of fish restaurant Landowner of the closest parcel in incirli neighbourhood	Phone Call	<ul> <li>Information on the fish restaurant (including capacity, customer detail, purpose of use, income/profits, etc.);</li> <li>Concerns related to maintaining the business continuity;</li> <li>Information on the use of the land parcel by the residents;</li> <li>Concerns related to expropriation of land conducted by MoIT (especially on land prices, emotional/ sentimental value of land and houses; income are the main issues);</li> <li>Need for local employment opportunity.</li> </ul>
Participants of the Public Consultation Meeting (PCM) was held on 6th March 2020 in Kurtkulağı Neighbourhood of Ceyhan District	PCM	<ul> <li>Environmental concerns/potential adverse impacts;</li> <li>Potential adverse impacts on the nearby communities and community health and safety concerns related with the development of the Project;</li> <li>Impacts of political discrepancy on raw material supply;</li> <li>Effect of cooling water use/supply on the marine environment;</li> <li>Planned volume of workforce during construction and operation phase of the Project and need for local employment opportunity;</li> <li>Social responsibility activities planned by the Project Company.</li> </ul>
Governmental Bodies <sup>2</sup>	Response letters	<ul> <li>Traffic increase and safety;</li> <li>Rent increase due to shelter need of people who will come from outside of the region;</li> <li>Employment opportunities for local people;</li> <li>Informing people about the progress;</li> <li>Security of the Project site;</li> <li>Social responsibility activities;</li> <li>Social and environmental impacts;</li> <li>Possible adverse impacts on agriculture;</li> <li>Safe working environment, health and safety issues for the workers of the Project;</li> <li>Wastewater discharge;</li> <li>Use of cooling water (supply, discharge and impacts);</li> <li>Action plans for a potential accident, fire, earthquake, etc.;</li> <li>Marine traffic;</li> <li>Flood Risk Preliminary Assessment;</li> <li>Compliance with the related laws and regulations;</li> <li>Adverse impacts on fishing activities;</li> <li>Negative impacts on aquaculture and aquaculture resources;</li> <li>Expectations that were raised in public meetings.</li> </ul>
NGOs	Response Letters	Increase in traffic and relevant safety issues;

<sup>&</sup>lt;sup>2</sup> Adana Metropolitan Municipality, Directorate of Planning and Urbanization, Directorate of Environmental Protection and Control, Waste Management Branch (License and Supervision Department, Directorate of Planning and Urbanization, Directorate of Projects), 6<sup>th</sup> Regional Directorate of DSI (State Hydraulic Works), Adana Regional Board Directorate of Cultural Assets Protection, Ceyhan Municipality, Adana Water and Sewerage Administration – Adana ASKİ, Adana Provincial Directorate of Environment and Urbanization (Adana PDoEU).

ESIA Final Draft Report February 2023

Project No: 21/003 34 / 75

Stakeholder	Contact Method	Key Issues Discussed
		<ul> <li>Rent increase due to accommodation need of people who will come from outside of the region;</li> <li>Employment opportunities for local people;</li> <li>Distribution of Information to public about the progress;</li> <li>Security of the Project site;</li> <li>Social responsibility activities;</li> <li>Social and environmental impacts;</li> <li>Possible adverse impacts on agriculture;</li> <li>Safe working environment, health and safety issues for the workers of the Project;</li> <li>Wastewater discharge;</li> <li>Use of cooling water (supply, discharge and impacts);</li> <li>Action plans for a possible accident, fire, earthquake, etc.;</li> <li>Marine traffic;</li> <li>Flood Risk Preliminary Assessment;</li> <li>Compliance with the related laws and regulations;</li> <li>Adverse impacts on fishing activities;</li> <li>Negative impacts on aquaculture and aquaculture resources;</li> <li>Expectations that were raised in public meetings.</li> </ul>
Local Public 10-12th February 2020	Feedback Forms Collected During Face-to-face Meetings	<ul> <li>Employment expectations;</li> <li>Ecological impacts;</li> <li>Concerns about environmental pollution;</li> <li>Waste management;</li> <li>Occupational health and safety for those who will be employed in the Project;</li> <li>Balance between working hours and wages;</li> <li>Benefits of the Project;</li> <li>Conducting environmentally friendly activities;</li> <li>Recruitment for disabled staff;</li> <li>Development of the region;</li> <li>Providing sufficient information throughout the development of the Project;</li> <li>Economical contributions;</li> <li>Measures for protection of the environment.</li> </ul>

The issues raised during the discussed above consultations have been reflected during preparation of the ESIA report. In particular, the ESIA covers issues related to labour and working conditions and employment opportunities, traffic, waste management, land acquisition, air quality, etc. These issues are covered in relevant chapters of the ESIA document, with the assessment of relevant impacts being made and measures to mitigate adverse impacts and enhance positive impacts being provided accordingly.

The letter dated 15.05.2020 sent by the General Directorate of Environmental Impact Assessment, Permit and Inspection of the Ministry of Environment and Urbanisation stated that the Public Participation Meeting will not be held regarding the Terminal Facility, and that the national EIA submitted should be disclosed. Based on this letter, no public participation meeting has been organised for the Terminal Facility planned to be built by Ceyhan Petrokimya

Endüstri Bölgesi Yönetim A.Ş. Following the approval of the EIA Report, it was disclosed on the MoEUCC website (http://eced.csb.gov.tr/jsp/ek1/29631).

## 6.2 Follow-up Stakeholder Engagement Activities Completed to Date

Following the Phase-1 preliminary stakeholder engagement activities at the early stage of the ESIA procedure further social assessment studies and stakeholder engagement activities were conducted to fulfil the gaps and improve initial ESIA in line with the revisions in the project design in progress so as to finalise the Draft ESIA in line with the FIs' comments and requirements. Within that scope Project community level assessments were conducted on July 5-10, 2021, for verification or supplementation, where existing data were insufficient.

The methodology followed for the detailed stakeholder engagement and social assessment included a two-stage baseline assessment study followed by an analysis of potential sensitivities, impacts and benefits from the Project.

Primary data collection and communication were done through Project community level assessments and meetings conducted on July 5-10, 2021, by a specialised study team. These activities included:

- Household surveys (in Gölovası, Kurtpınar/Incirli, Kurtpınar/Karatepe, Kurtpınar/Merkez, Kurtpınar/Karayılan, Kurtkulağı, Sarımazı neighbourhoods);
- Community Level Surveys with Mukhtars of the Aol;
- Key Informant Interviews with local Non-Governmental Organisations (NGOs), affected / interested cooperatives, authorities and organizations;
- Focus group discussions with local women from specific demographic groups (i.e., young, elderly, unemployed and widow women) in the AoI;
- In-depth interview with the Project Affected People.

In that context, the field study that was conducted using quantitative and qualitative data collection techniques in the Social Area of Influence included the interview and surveys listed in Table 6-4.

Table 6-4. Surveys and interviews conducted by 2U1K

Type of Survey/ Interview	Number of Surveys/Interviews/ Meetings
Household Interviews	223
Community Level Interviews	4
Key Informant Interviews (KIIs)	12
Focus Group Discussions	2

Data collected from on-site survey was supported with regional and national statistics, newspaper archives and project documents. Furthermore, feedbacks received from the stakeholders during the preliminary stakeholder engagement activities including public consultation meeting (PCM) conducted on 6th March 2020 in coffee house in Kurtkulağı neighbourhood (detailed in Section 4.6.1) were also used for the planning and completion of the social assessment study and development of the Project's SEP.

The results of the Community Level Surveys and Key Informant Interviews (KIIs) are given in below subsections.

# **Community Level Survey**

Community Level Surveys on July 5-10, 2021, with the headmen of neighbourhoods indicated that all of the interviewees are aware of the Project and information meetings and preliminary discussions that were held in these neighbourhoods by the Project Company. The regional needs, potential of labour force and perceptions towards the Project were inquired during the meetings with local headmen. The results are provided in Table 6-5 to Table 6-6.

Table 6-5. The needs in the region as reported by local headmen

Regional needs	Villages				
	Kurtpınar	Kurtkulağı	Sarımazı	Gölovası	
Employment support/ vocational training especially for local young people	*		*	*	
Football ground		*			
Condolence house		*			
Office of mukhtar		*			
Social interaction areas			*		
Support for solving infrastructure issues			*		

Table 6-6. Potential labour force in the neighbourhoods as reported by local headmen

	Kurtpınar	Kurtkulağı	Sarımazı	Gölovası
Welder		*	*	*
Driver	*			
Repairman			*	*
Security guard		*		*
Cleaning staff	*	*	*	*
Technician		*		
Catering staff	*	*	*	*
Engineer	*			

Source: Social Field Study, 2021

Accordingly, it is possible to say that in general, semi-skilled and unqualified personnel can be employed from the local people.

Table 6-7. Perceptions of local headmen related to the Project

Effects	Villages			
Ellects	Kurtpınarı	Kurtkulağı	Sarımazı	Gölovası
The local economy will be positively affected by the project (Positive)		*		
Receiving logistical support from local people (Positive)		*		
Employment support for local people (Positive)	*	*	*	*
Not preferring local people in employment (Negative)				*
The project will cause environmental pollution (Negative)			*	
Negative impact on public due to being an industrial area	*			

References: Interviews with headmen

Accordingly, despite varying type of perceptions including some concerns or expectations from the Project, it is seen that all of the headmen have the expectation of new employment opportunities from the Project as given in Table 6-7.

In addition to these, regarding the local socio-economic activities and vulnerabilities Kurtpınarı headman reported that although olive cultivation is the main agricultural activity in İncirli locality; fishing is also common for household consumption or income generation purposes. He stated that there is a decrease in fishing activities compared to previous years, especially the BOTAŞ-BIL facility port limited the field of activity of coastal fisheries.

The headman of the Kurtkulağı neighbourhood stated that farming is a common income activity as majority of the locals are retired. Olive cultivation is also main agricultural activity in Kurtkulağı and Sarımazı neighbourhoods and locals also breed cattle and sheep for income generation.

Although fishing seems to be the primary activity in Gölovası district, the headman of Gölovası stated that fishing is decreasing every year due to the industrial facilities nearby. The headman of Gölovası stated that due to the ports of these facilities extending to the shore, fishing activities are restricted, fishing is allowed up to a certain distance from the ports, but because this distance is too far, the costs of the sailing increase due to increased use of diesel fuel.

## **Key Informant Interview (KII)**

Key Informant Interviews were held with relevant local leaders and subject-matter experts, cooperatives, local government officers, local Non-Governmental Organizations (NGOs) and other individuals that may provide specific information. Therefore, interviews were done with

different types of stakeholders to understand opinions and suggestions from local authorities, cooperatives and organizations in broader scope. KIIs would involve specific 'deep dives' into certain topics.

Following stakeholders were interviewed within the scope of KIIs:

- Kurtkulağı Agricultural Credit Cooperative No. 2001;
- Sarımazı Agricultural Credit Cooperative No. 1953;
- Gölovası Fisheries Cooperatives;
- Mediterranean Agriculture and Citrus Workers Motor Carriers Cooperative;
- Botaş International;
- Botaş Port Authority;
- ASCHEM Petrochemical Industry and Trade Inc;
- Yumurtalık Municipality;
- Ceyhan Municipality;
- Ministry of Food, Agriculture and Livestock Ceyhan District Directorate;
- Neighbouring businesses to the Project Site.

Summary of the interviews can be found in Table 6-8 below.

## Stakeholder Meeting about Early Works

A stakeholder meeting was held in Kurtpınarı Neighborhood on 06.07.2022 to provide information about the early works conducted for the Project. The meeting location was selected based on its proximity to the Project area as well as its suitability to accommodate the potential attendees. A total of 21 people attended the meeting. During the meeting, information was provided about the start dates of the construction activities, and also characteristics of the Project were explained. Stakeholders were informed about local employment opportunities. It was stated that the stakeholders will be informed about the blasting activities in advance and the houses will be checked for physical integrity before the blasting starts. Information was provided about the RAP process, and the grievance mechanism was introduced.

During the meeting, stakeholders requested information on compensation for losses resulting from expropriation. The neighborhood headman asked for support to establish a company/cooperative so that the women could sell their local materials. After the stakeholder meeting, a one-on-one consultation meeting was held with Kurtpınarı neighborhood headman.

## **Land Acquisition Gap Analysis**

In July 2022, one-on-one interviews were held with the people affected by the land acquisition within the scope of the Land Acquisition (LA) Gap Analysis. The information obtained is included in the LA Gap Analysis report. In addition, interviews with neighbourhood headmen were conducted for collecting information on vulnerable groups, etc.

Table 6-8. Summary of key informant interviews

Name of the Institution	General information of the Institution/ Organization	Project information level and perceived potential impacts	Suggestions to increase project benefits
Gölovası Village Aquaculture Cooperative	<ul> <li>Gölovası Village Aquaculture Cooperative founded in 2002;</li> <li>Cooperative has 30 fisherman members;</li> <li>There are more than 20 fishing boats;</li> <li>No fishing ban 365 days. There is fishing ban for some species and sizes;</li> <li>Due to the existing projects in the region, the hunting area has narrowed;</li> <li>They hunt shrimp, lagoon, bluefish, minekop, halile, sea bass, sea bream bottom fish, bream, scorpion fish and slingshot;</li> <li>They receive financial aid from existing projects as the hunting area is narrowed.</li> </ul>	<ul> <li>The cooperative president did not attend the information meeting;</li> <li>Inadequate level of information, looking forward to obtaining further information;</li> <li>Wants to know the date of start of construction.</li> </ul>	<ul> <li>As fishing, which is the primary source of livelihood, will be affected by the project, studies should be carried out on this issue;</li> <li>Providing local employment in the region will be beneficial in terms of the social impact of the project.</li> </ul>
Mediterranean Agriculture and Citrus Workers Motor Carriers Cooperative	<ul> <li>Mediterranean Agriculture and Citrus Workers Motor Carriers Cooperative founded in 2013;</li> <li>There are 330 members of Mediterranean Agriculture and Citrus Workers Motor Carriers Cooperative;</li> <li>60 vehicles of the cooperative are in Ceyhan;</li> <li>35 workers can be transported with one vehicle;</li> <li>They give D2 Driving service and licence to the cooperative members.</li> </ul>	<ul> <li>Inadequate level of information, looking forward to obtaining further information;</li> <li>Wants to know the date of start of construction.</li> </ul>	<ul> <li>Providing local employment in the region will be beneficial in terms of the social impact of the project;</li> <li>An agreement can be made with the cooperative for the transport of workers to the project area;</li> <li>The cooperative can contribute to find nonskilled workers.</li> </ul>

ESIA Final Draft Report

Project No: 21/003 40 / 75

Name of the Institution	General information of the Institution/ Organization	Project information level and perceived potential impacts	Suggestions to increase project benefits
Local Market Near Project Site	<ul> <li>A little local market which is near the project area;</li> <li>Owner of the market used to fish;</li> <li>Due to the reduction of the number of fish they had to put an end to fishing activities.</li> </ul>	<ul> <li>Inadequate level of information;</li> <li>The owner did not want to attend the meeting because of the video recording during the meeting;</li> <li>Court process continues as olive trees are transferred;</li> <li>Wants to know the date of start of construction.</li> </ul>	Providing local employment in the region will be beneficial in terms of the social impact of the project.
Café Near Project Site	<ul> <li>Beach café in İncirli area, which has been working for 2 years;</li> <li>There is a camping area in the café;</li> <li>2 staff working in the café;</li> <li>Employees stay here periodically;</li> <li>Untreated wastewater is discharged to the sea next to the cafe.</li> </ul>	<ul> <li>Inadequate level of information, looking forward to obtaining further information;</li> <li>The area where the cafe is located is in the impact zone of several projects;</li> <li>With this project, he thinks customers will be reduced;</li> <li>They want to know the date of start of construction.</li> </ul>	<ul> <li>Social responsibility projects can be carried out in order to reduce the use of drugs by the youth in the region and to prevent them from turning to drugs;</li> <li>The water purification system in the region can be renewed.</li> </ul>
Botas International	<ul> <li>In 2001, BOTAŞ International (BIL) has been restructured in order to operate the BTC (Baku-Tbilisi–Ceyhan) Crude Oil Pipeline;</li> <li>BIL began loading at the Ceyhan terminal on the 2nd June 2006;</li> <li>350 workers are employed here, including blue-collar and white-collar workers.</li> </ul>	<ul> <li>Inadequate level of information, looking forward to obtaining further information;</li> <li>Project information form given;</li> <li>They want to know the date of start of construction.</li> </ul>	A vocational school can be established in the region and skilled workers can be trained for the project.
Botaş Port Authority	<ul> <li>BOTAŞ port directorate next to the project area;</li> <li>BOTAŞ International began loading at the Ceyhan terminal on the 2nd of June 2006.</li> </ul>	Inadequate level of information, looking forward to obtaining further information.	<ul> <li>Providing local employment in the region will be beneficial in terms of the social impact of the project;</li> <li>Turning the caravanseral from the Ottoman period in Kurtkulağı into a</li> </ul>

ESIA Final Draft Report

Project No: 21/003 41 / 75

Name of the Institution	General information of the Institution/ Organization	Project information level and perceived potential impacts	Suggestions to increase project benefits
			museum would be a beneficial for the region.
ASCHEM Petrochemical Industry and Trade Inc.	ASCHEM PETROCHEMICAL INDUSTRY AND TRADE INC. is the manufacturer of General-Purpose Polystyrene (GPPS) and High Impact Polystyrene (HIPS) in Turkey, established in 2000 at Adana - Yumurtalik Free Zone with the patent of USA's the most advanced Continuous Mass Polymerization License, FINA Co;	Inadequate level of information.	A vocational school can be established in the region and skilled workers can be trained for the project.
	Blue-collar workers are mostly employed from İncirli and Sarımazı;		
	<ul> <li>White collar employees are mostly from Adana city centre;</li> </ul>		
	<ul> <li>There are 60 blue-collar and 37 white- collar employees;</li> </ul>		
	<ul> <li>They find employees by posting advertisements on the internet and through the headman's office.</li> </ul>		
Yumurtalık Municipality	<ul> <li>The majority of the population of the district is engaged in agriculture and animal husbandry;</li> </ul>	<ul> <li>Inadequate level of information, looking forward to obtaining further information;</li> </ul>	Providing local employment in the region will be beneficial in terms of the social impact of the project;
	<ul> <li>The main source of livelihood in coastal areas is fishing and tourism;</li> <li>Yumurtalık is a tourist destination;</li> <li>Until 2018, a kiteboard festival was being held in the region.</li> </ul>	<ul> <li>Municipality employees follow the developments in the region from the official gazette.</li> </ul>	<ul> <li>Social responsibility projects can be carried out in order to reduce the use of drugs by the youth in the region and to prevent them from turning to drugs;</li> <li>Sports fields can be built;</li> </ul>
			The greenhouses producing bananas in the region have increased, and those whose main livelihood is affected by the project can be supported in this regard.

ESIA Final Draft Report February 2023

Project No: 21/003 42 / 75

Name of the Institution	General information of the Institution/ Organization	Project information level and perceived potential impacts	Suggestions to increase project benefits
			<ul> <li>Courses can be opened for illiterate women;</li> <li>Job-guaranteed vocational training schools can be opened in the industrial zone.</li> </ul>
Ceyhan Municipality	<ul> <li>Ceyhan district, where the industry is relatively developed outside the metropolitan centre, shows a subcentral feature in the region;</li> <li>The region is very suitable for agriculture and has a lot of agricultural land;</li> <li>Agriculture is an important source of livelihood in the region;</li> <li>Young population is high in Ceyhan;</li> <li>Unemployment rate is high among the young;</li> <li>There are neighbourhoods without internet infrastructure.</li> </ul>	Inadequate level of information, looking forward to obtaining further information.	<ul> <li>Providing local employment in the region will be beneficial in terms of the social impact of the project;</li> <li>Social responsibility projects can be carried out in order to reduce the use of drugs by the youth in the region and to prevent them from turning to drugs;</li> <li>Sports fields can be built;</li> <li>Job-guaranteed vocational training schools can be opened in the industrial zone.</li> </ul>
Ministry of Food, Agriculture and Livestock Ceyhan District Directorate	<ul> <li>The region is very suitable for agriculture and has a lot of agricultural land;</li> <li>Agriculture is an important source of livelihood in the region;</li> <li>Young population is high in Ceyhan;</li> <li>Unemployment rate is high among the young.</li> </ul>	Not at this stage as the Directorate do not have sufficient information on the Project.	Studies can be conducted on the social and environmental impacts of the project by communicating with the district governor.
Agricultural Credit Cooperative No. 2001 (Kurtkulağı)	The cooperative operates for the solidarity of the farmers in the region;	<ul> <li>Do not have in depth information about the Project at this stage;</li> <li>Employment opportunities;</li> </ul>	No suggestions at this stage.

ESIA Final Draft Report

Project No: 21/003 43 / 75

Name of the Institution	General information of the Institution/ Organization	Project information level and perceived potential impacts	Suggestions to increase project benefits
Agricultural Credit Cooperative No. 1953 (Sarımazı)	<ul> <li>The cooperative operates for the solidarity of the farmers in the region.</li> </ul>	<ul> <li>The head of cooperative has no detailed information about the Project at this stage, however looking forward to obtaining further information;</li> <li>No evident impacts are expected at this stage considering the Project related activities did not start to date.</li> </ul>	No suggestions at this stage.

ESIA Final Draft Report February 2023

Project No: 21/003

# 7 STAKEHOLDER ENGAGEMENT ACTIVITIES DURING FINAL DRAFT ESIA DISCLOSURE

Stakeholder engagement activities will continue during the construction period which will then be followed by engagement activities during 49-year operation period. Consultation activities during construction and operation phases are important in order to maintain constructive relationships both with the local communities and other stakeholders. There will be a Community Liaison Officer (CLO) during construction and operation phases who will be the main contact person to handle comments and grievances. Ceyhan PP A.Ş. will be responsible for updating the SEP on a regular basis during construction and operation phases.

Planned stakeholder engagement activities will include the disclosure of the Final Draft ESIA package. The following Project documents will be disclosed in English and Turkish languages on the Project website (www.ceyhanpp.com) and in the affected communities:

- **Final ESIA Report** consisting of main text and supplementary annexes including the ESMP:
- Non-Technical Summary (NTS) of the Final Draft ESIA Report;
- Stakeholder Engagement Plan (SEP).

The documents will be made available to the public for review and comments for 60 days. The objective of the disclosure period is to inform the stakeholders about the Project activities, impacts, proposed mitigation, monitoring and management measures. The Project Team and the ESIA team will, in consultation with the Lenders, review the comments received during the consultation process so that relevant mitigation measures can be taken to address the concerns raised by different stakeholders.

In addition to disclosure of the documents, the following activities will be conducted:

- Press announcement will be made at the beginning of the disclosure period announcing the publication of the Final Draft ESIA Report and other documents and the commencement of the consultation phase. The advertisements will also provide information on the date and time of community meetings. Targeted notification of certain stakeholders (for example, fishermen) will be also used. The press announcement will also provide a notification for vulnerable groups (see below);
- To inform vulnerable groups, the Project Company will seek opportunity to put posters informing on information disclosure and the meetings in local health care facilities, community centers and social protection bodies, i.e. facilities that might be visited by vulnerable groups.

The press announcement will also provide information that if special assistance is needed for accessing disclosed documents or participation in the meetings, a person

might contact the Project Company which will seek for opportunities to meet relevant needs:

- Since during completed consultations women requested not to conduct separate meetings for women and men, common meetings for men and women will be conducted. However, separate consultations for women might be provided under request. Information on opportunity for conducting such consultations will be outlined in the press announcement;
- Posters will be placed in affected communities in 1-2 weeks prior to the meetings to inform residents of affected communities;
- Within the disclosure period, the following consultations will be held to explain the outcomes of the ESIA study and to address questions raised:

Type of Meeting	Stakeholder	Date	Venue
Community meeting	Incirli and Karatepe	To be defined	To be defined (for example, premise of restaurant in Incirli or office premises in Mobilization Area)
Community meeting	Kurtpınarı	To be defined	Community centre in Kurtpınarı
Round table meeting	Golovasi and Incirli fishermen	To be defined	To be defined (for example, premises of fishing port)
NGO meetings	Meeting might be conducted upon stakeholders (NGOs') request	To be defined	To be defined accordingly

This table does not include consultations with stakeholders affected by land acquisition and physical/economic displacement. These consultations will be described by the Livelihood Restoration Plan and/or Resettlement Action Plan.

Consultations with communities regarding emergency and response issues will be determined as part of the Emergency Preparedness and Response Plan (a standalone document) to be publicly disclosed.

With the start of the disclosure period, comments can be submitted via following communication means:

Ceyhan Polipropilen Üretim A.Ş.

Address: Aziziye mahallesi, Portakal Çiçeği sokak, No: 33 Yukarı Ayrancı,

Çankaya/ANKARA

E-mail: info.cpp@ronesans.com Telephone: +90 312 497 3428

On completion of the disclosure period, the ESIA Report will be finalized by reflecting the comments received during the disclosure period where required. The Final ESIA Report will then be published on the Project website.

After completion of the ESIA process, the Project will continue to engage with the stakeholders during construction and operation of the Project. Outline plans for this are set out in the SEP.

# 8 STAKEHOLDER ENGAGEMENT ACTIVITIES DURING CONSTRUCTION AND OPERATION PHASES

Stakeholder engagement activities will continue during the construction period which will then be followed by engagement activities during 49-year operation period. Consultation activities during construction and operation phases are important in order to maintain constructive relationships both with the local communities and other stakeholders. There will be a Community Liaison Officer (CLO) during construction and operation phases who will be the main contact person to handle comments and grievances. Ceyhan PP A.Ş. will be responsible for updating SEP on a regular basis during construction and operation phases. Although not finalized yet, planned engagement activities are briefly outlined below. The main engagement methods for different types of stakeholders are also summarized in Table 8-1.

#### **Construction Phase**

- Project information will be disclosed at the Project website and in the Project leaflets distributed to headmen which will be updated as deemed necessary;
- A noticeboard will be kept present at the entrance of the Project site in order to share the Project information with the local people and to provide the name of site manager or Community Liaison Officer where complaints can be submitted in person, not only in writing;
- The Contractor will liaise with Toros Tarım Primary School and BOTAŞ Primary School and Kindergarten officials and students to raise awareness in relation to road safety;
- The contractor will engage in dialogue with local authorities and implement physical road safety measures in close-by neighbourhoods, particularly in the vicinity of the school;
- Meetings, as deemed necessary, with national and local authorities will continue during construction phase related to permitting and other issues;
- The stakeholder list will be updated regularly and any new stakeholder identified will be included in the list;
- While consultations will continue throughout the Project, appropriate consultation methods will be preferred for vulnerable groups or persons with special needs. For example, she/he may prefer online channels rather than going to consultation meeting. Individual preferences should be sought in this regard, and ways to make things easier should be sought. Persons with disabilities and the elderly, as well as female heads of households with special needs, should be monitored throughout their participation in consultations. If they request assistance to participate in consultations, the Project Company should make effort to assist the person. CLO will contact stakeholders by phone, e-mail, or sms to learn about the special needs of those affected by the Project and the consultation methods they prefer. Consultation

ESIA Final Draft Report February 2023

Project No: 21/003 48 / 75

methods and channels should be announced on the Project company website. If a PAP is unable to attend the consultations, CLO can visit the person's home when necessary, or if person wishes to participate, appropriate vehicles and other resources will be provided as feasible;

- Any activities likely to cause particular disturbance (such as noisy activities etc.) to the nearby neighbourhoods will be announced through handouts to be distributed to local people via headmen offices. This information will also be provided in the Project website;
- All comments and grievances will be managed in accordance with the Grievance Mechanism described in Section 9;
- The security staff at the construction site will be informed about the Grievance Mechanism and in case a local person wants to submit a comment or grievance, the security personnel will be able to convey this person to the responsible staff;
- In order to ensure maintaining the grievance mechanism, there will be clear and visible information on the Project website and phone numbers for people to submit their grievances. In addition, phone numbers and website information will be posted on the construction site signs.

## **Operation Phase**

- The Project website will be updated to include information on operation activities and any changes in environmental policy, plans and procedures that are followed;
- The Project Company will liaise with nearby neighbourhoods and particularly with school students to raise awareness in relation to road safety;
- Ongoing meetings, as deemed necessary will be conducted with the national and local communities to inform them of any changes in project activities and related to permitting;
- The stakeholder list will be updated regularly, and any new stakeholder identified will be included in the list;
- While consultations will continue throughout the Project, appropriate consultation methods will be preferred for vulnerable groups or persons with special needs. For example, she/he may prefer online channels rather than going to consultation meeting. Individual preferences should be sought in this regard, and ways to make things easier should be sought. Persons with disabilities and the elderly, as well as female heads of households with special needs, should be monitored throughout their participation in consultations. If they request assistance to participate in consultations, the Project Company should make effort to assist the person. CLO will contact stakeholders by phone, e-mail, or sms to learn about the special needs of those affected by the Project and the consultation methods they prefer. Consultation methods and channels should be announced on the Project company website;

- All comments and grievances will be managed in accordance with the Grievance Mechanism described in Section 9;
- The security staff at the facility will be informed about the Grievance Mechanism and in case a local person wants to submit a comment or grievance, the security personnel will be able to convey this person to the responsible staff;
- In order to inform people widely about the grievance mechanism, there will be clear and visible information on the Project website. In addition, there will be a call centre to manage the grievances.

Table 8-1. Engagement Methods During Construction and Operation Phases

Project Phase	Stakeholder Type	Engagement Approach	Frequency	Responsibility
Construction	Local communities	<ul> <li>Project website for Project updates;</li> <li>Making comment/complaint forms available in the Project website to submit grievances;</li> <li>Noticeboard to share Project information with the local people and to provide the name of site manager or Community Liaison Officer;</li> <li>Implementation of grievance mechanism;</li> <li>Making comment/complaint forms available at the construction site office;</li> <li>Face-to-face meetings with adjacent local residents/headmen/nearby facilities upon a grievance or if needed;</li> <li>Newspaper advertisements if needed.</li> </ul>	Continuous	Ceyhan PP A.Ş. and Contractors of Ceyhan PP A.Ş.
	Governmental authorities	<ul> <li>Face-to-face meetings with authorities related to permitting issues;</li> <li>Official written correspondence with authorities.</li> </ul>	Biannual According to the Project's Needs	
	Construction workers	Implementation of grievance mechanism;     Training on environmental, health and safety aspects;     Consultation related to implementation of relevant management plans (i.e., Construction Camp Management Plan).	Continuous	Contractors of Ceyhan PP A.Ş.
Operation	Local communities	<ul> <li>Making comment/complaint forms available at the security gates;</li> <li>Making comment/complaint forms available in the Project website to submit grievances.</li> </ul>	Continuous	Service Providers of Ceyhan PP A.Ş.

ESIA Final Draft Report February 2023

Project No: 21/003 50 / 75

Project Phase	Stakeholder Type	Engagement Approach	Frequency	Responsibility
	Employees of Ceyhan PP A.Ş. (including sub- contractors and their staff)	Newspaper announcements, if needed;     On-going communications with relevant regulatory stakeholders and public, as necessary;     Implementation of the Grievance      Newspaper announcements, if needed;     Ceyhan PF and Service Providers of the Grievance		Ceyhan PP A.Ş. and Service Providers of Ceyhan PP A.Ş.
	Governmental authorities	<ul> <li>Face-to-face meetings with authorities related to permitting issues;</li> <li>Official written correspondence with authorities.</li> </ul>	Annual According to the Project's Needs	

# 9 GRIEVANCE MECHANISM

A grievance mechanism will be established in order to ensure that all comments, suggestions and objections received from the project stakeholders especially from the nearby surrounding communities and facilities are dealt with appropriately and in a timely manner. It is important to note that there will also be a separate grievance mechanism for workers/employees during construction and operation phases. It is important to mention that Ceyhan PP A.Ş. will only be responsible for the management of grievances related with the services it provides and also grievances of workers that are working at these services. Ceyhan PP A.Ş. will also be responsible for management of grievances related to operations/services conducted by the Project (sub)contractors.

Local communities will be informed about the grievance mechanism during the consultation and disclosure activities. All grievances will be recorded, responded and resolved in a defined timeframe. The grievance mechanism is currently at a planning stage. It is expected that comments and grievances can be sent to Ceyhan PP A.Ş. via mail, e-mail or fax during the construction and operation stages as well as through the Project website and telephone numbers/call centre. A Comment/Grievance Form and Grievance Closeout Form are presented in Appendix G and Appendix H respectively. The anticipated procedure to handle grievances is described below.

#### 9.1 Public Grievance Mechanism

Regardless of general response and resolution timeframes, some complaints may require immediate attention, for example, an urgent safety issue or where it concerns the livelihood of locals.

Public Grievance will be managed in six main steps as described below.

#### Receipt of Grievances

Complaint will be filed after it is received by the means of;

- letters or e-mails to the provided addresses;
- call on the provided phone number;
- grievance boxes;
- visit to Project site by using the Grievance Form;
- in person by contacting the Project CLO.

The contact details for submitting grievances are provided below:

Ceyhan Polipropilen Üretim A.Ş.

**ESIA Final Draft Report** February 2023 52 / 75

Project No: 21/003

Community Liaison Officer: Nergiz Karakurt (CLO) <sup>3</sup>

Address: Aziziye Mahallesi, Portakal Çiçeği sokak, No: 33 Yukarı Ayrancı, Çankaya/ANKARA

E-mail: info.cpp@ronesans.com@ronesans.com

Telephone: +90 312 840 1201

It should be noted that all individuals are free to raise their grievances anonymously when requested. For the recording of the complaint it is however important to specify an address that can be used by the Community Liaison Officer (CLO) to send a reply.

The Project Company will ensure that all the grievances are managed with confidentiality, and only by authorised personnel. The consent of a person/organization filling a grievance for sharing any sensitive grievance-related information with third parties will be acquired by the Project Company prior to sharing this information.

## 9.1.2 Reporting of Gender Based Violence and Harassment

Channels for anonymous reporting on Gender Based Violence and Harassment (GBVH) will be developed. The reporting channels will ensure safety and confidentiality to encourage reporting of such incidents and shall include any of the following:

- · Grievance boxes;
- Toll-free telephone number;
- A designated organisation (e.g. NGO) or local women's organisation (as applicable).

Reporting channels are to include anonymous and child-friendly options to encourage children and young people to report relevant grievances and concerns.

Measures to be implemented to ensure GBVH cases are reported might include:

- Project workers will be provided with information regarding Code of Conduct in local languages which will include provisions for reporting, investigations, termination and disciplinary action against those perpetrating gender violence and harassment;
- The Project Company and contractors will conduct mandatory regular training and awareness raising for the workers on GBVH towards local community members and their colleagues especially women and the availability of a grievance mechanism to report any GBVH cases;
- The Project workers will be made aware of the laws and regulations that make GBVH a punishable offence which is prosecuted;
- Ensuring representation of women in the Project team performing as the CLO or as a contact person to be approached with regard to GBVH issues;

<sup>&</sup>lt;sup>3</sup> During construction, operation phases and decommissioning phase, a sited-based CLO will be assigned and contact details will be updated accordingly.

- The Project Company will work in close cooperation with local authorities in investigating any grievances regarding GBVH in the local communities where it relates to Project workers;
- Develop a monitoring system to monitor GBVH activities to assess the effectiveness of the controls, including tracking of GBVH-related grievances and actions implemented in order to address them.

## 9.1.3 Acknowledgement and Record Keeping

All incoming grievances will be reflected in a Grievance Log to assign an individual reference number in a daily basis and inform the complainant about the reference number assigned to his/her complaint, either on the date of filing (if a complaint is delivered personally or over the telephone) or within seven days of receipt (if a complaint is sent by ordinary or electronic mail).

The Grievance Log will also be used to track the status of a grievance, analyses the frequency of complaints arising, typical sources and causes of complaints, as well as to identify prevailing topics and any recurrent trends.

All complaints will be recorded in the respective Grievance Log with the following information:

- Grievance reference number;
- Date of the grievance;
- Location where the grievance was received and in what form (for grievance boxes);
- Complainant's contact details (in case of non-anonymous grievances);
- Content of the grievance;
- Parties responsible for the addressing the issue;
- Dates when the investigation of the grievances initiated and completed;
- Results of the investigation;
- Information on the proposed corrective actions to be sent to complainant (for non-anonymous complaints) and the date of the sending the information;
- Deadlines for required actions by the Project staff;
- Indication on whether the corrective action was satisfactory or a reason for non-resolution of the grievance;
- The result of the close-out; and
- Any outstanding actions for non-closed grievance cases.

After the registration of the grievance to the log, significance of the grievance will be assessed within five to seven days.

## 9.1.4 Investigation

The CLO will classify the grievance and request suggestion from the related Project departments in 10-14 days.

Each complaint is directed by the CLO depending on the technical issues regarding the complaint (for example principal engineer in charge of construction for a given spread, officer in charge of land acquisition and compensation, environmental engineer, etc.).

Grievance is acknowledged through a personal meeting, phone call, grievance boxes or letter, as appropriate, within a target of 14 working days after submission (except the complaints that require immediate attention). If the grievance is not well understood or if additional information is required, clarification will be sought from the complainant during this step.

If the resolution of the complaint is deemed to be within the responsibility of a construction or other contractor, a responsible individual should still be designated within the CLO to monitor the satisfactory resolution of the problem by the contractor in question.

## 9.1.5 Response to Complainant

Each complaint is considered within 30 days of receipt and the reply is communicated using the address/telephone number specified by the complainant. The CLO keeps copies and records of all complains and replies.

The CLO is responsible to ensure a response is given within the above timeframe, and monitors agreement of the complainant on the proposed resolution and its further implementation.

For the anonymous complaints, resolution will be disclosed on the Project's website and/or banners posted around the Project Site.

# 9.1.6 Discussion of Resolution

If a complainant is not satisfied with the proposed resolution, further negotiations can take place until the matter of the complaint is resolved and the case is closed. If negotiations between the Project parties and the complainant do not achieve a satisfactory result leading to the closure of the complaint, then the grievance is escalated to higher levels to be defined in the course of the Project's procedures setting.

#### 9.1.7 Resource to Legal System

The parties may take the dispute to court at any point during the process. Resorting to the Project's amicable grievance resolution does not prevent the complainant to resort to Justice at any stage in the process.

# 10 EXTERNAL COMMUNICATIONS

The external communication includes exchange of information both within the entire the Project parties themselves and all related stakeholders. It is significant for all parties involved to take ownership of entire stakeholder relations and manage them effectively.

ESIA Final Draft Report February 2023

Project No: 21/003 55 / 75

External communication is the very first step in creating the appropriate Project image. It contains related Project information from inventive reports, printed publications, presentations, or web pages. The main goal of external communication is to inform the stakeholders an important message about the work and quality of the Project. External communication activities play a very important role in every phase of the Project cycle. To engage with stakeholder groups that impacted parties: governmental institutions, local communities, associations, organizations, academia, media, and NGO's. A good working relationships will be established with all stakeholders and actively elicit their input through public consultations, focus groups, face-to-face meetings. It is essential to be proactive, accessible, and responsive about project impacts and work collaboratively with the stakeholders on projects of mutual interest.

The Grievance Mechanism will provide complaint management and their responses which is intended specifically on affected stakeholders. The external communications will be conducted in line with provisions of the SEP (to be updated on regular basis but at least annually) and the Grievance Mechanism (Section 9). All related Project representatives will communicate with the stakeholders on a regular basis. For implementation and maintenance of the external communication; each request and/or feedback will be recorded and be followed and responded to by the CLO. The team will track related external communications to facilitate a local discourse with identified stakeholders and affected communities.

According to the IFC, External Communications have several benefits:

- Increases program transparency;
- Reduces the spread of misinformation;
- Serves as a two-way channel for feedback from stakeholders;
- Builds interest and buy-in from civil society and government;
- Strengthens corporate image among the public and industry peers;
- Improves risk management;
- Strengthens brand value / reputation;
- Increases appeal to financial investors.

All engagements will be documented both in writing and photographically, with minutes taken in standardized format and attendance recorded. Minutes will be shared with and approved by participants.

#### MONITORING AND REPORTING 11

The monitoring measures are to be implemented throughout the Project phases to assess compliance of SEP with the dedicated Project Standards. In the event that monitoring identified non-conformance with the Project Standards, these will be investigated and appropriate corrective actions will be identified.

The SEP will be reviewed bi-annually during the Project construction stage (and annually during the Project operation stage) and updated if required. The recorded grievances raised by the communities and the workers will be summarized and reported to all Project management monthly or quarterly all stakeholder engagement activities, grievances and the feedbacks will be disclosed in the Annual Environmental and Social Monitoring Report.

The Annual Environmental and Social Monitoring Report will include, at a minimum, information on the Project and the status of its implementation, information on key Project impacts and relevant mitigation/management measures, summary of stakeholder engagement undertaken, grievances received and actions implemented to address them. The report will be disclosed on the Project Company's website. The affected communities and other key Project stakeholders will be informed on publication of this document by targeted notification by email or post. Paper copies of the report might be provided to affected communities and other stakeholders under request if these have problems with accessing the website.

# 11.1 Key Performance Indicators

A set of Key Performance Indicators (KPIs) have been defined to enable monitoring and evaluation of the implementation of the SEP and guide updates and revisions of the document. The Table below summarizes the KPIs and associated key monitoring actions that can be used to assess the progress and effectiveness of proposed mitigation strategies.

Table 11-1. Key Performance Indicators (KPI) and monitoring actions – Stakeholder Engagement

No	KPI	Target	Monitoring Measure
1	Number of community complaints or grievances	Total number reduced year on year	Complaints Log/Database
2	Number complaints responded <sup>4</sup> to within targeted time frame of one month	Target of 90%	Complaints Log/Database
3	Reporting back to stakeholders on implementation of the Grievance Procedure	Delivery of quarterly reports to stakeholders on the outcomes of the Grievance Procedure	Reporting <sup>5</sup>

**ESIA Final Draft Report** February 2023 57 / 75

Project No: 21/003

<sup>&</sup>lt;sup>4</sup> Not all grievances may be closed within 30 days, the closure of grievance will depend on grievance's targeted timeline; nevertheless, the Promoter will inform the complainant regarding the progress of the grievance within 30 days.

<sup>&</sup>lt;sup>5</sup> The social reporting in will be disclosed by the Project's website

No	KPI	Target	Monitoring Measure
4	Consultation Records  - number of the meetings held,  - number of the participants attended the public consultation meetings,  - visits paid to local authorities or other local stakeholders,  - frequency of the visits paid to the settlements affected by the project,  - number of grievances raised per settlement  - types of grievances (complaint/request)  - timeline required to solve grievances  - status of grievances (open/closed)  - number of grievances that are on hold/ or disagreed	Delivery of quarterly reports on the consultation activities	Reporting
5	Internal auditing Grievance Procedure to ensure that it is being implemented and grievances are being adequately addressed	Bi-annual or annual audit complete Target of 90% of grievances closed out to satisfaction of complainant within one month	Audit report.

# **APPENDICES**

# Appendix A: Vulnerable groups within the Aol

Type of Vulnerability	Kurtpınarı	Kurtkulağı	Sarımazı	Gölovası		
Children (Population Under 18)	Approximately 200 people	Approximately 100 people	Approximately 400 people	Between 100-150 people		
People Aged 65+	More than a quarter of the population	More than a quarter of the population	More than a quarter of the population	More than a quarter of the population		
Chronical Diseased or Special Care Needed People	Between 5-10 people	2 or 3 persons	At least 1 person	No information available		
Disabled People (Mental & Physical)	2 persons	6 persons	2 persons	1 persons		
People Who Do not Have Health Insurance	At least 10 households	Approximately 15 households	At least 10 households	Unknown number		
People whos Income is below the Minumum Wage/ Receiving Donations from the State or Foundaitons	No information available	No information available	No information available	No information available		
Female- headed Households	At least 15 households (one of these households is affected by the CPIR expropriation activities)	No information available	No No information available available			
Type of V	Type of Vulnerability		Kurtkı	ulağı	Sarımazı	Gölovası
	Pen (Population Under 18)  Approximately 200 people  Approximately 100 people		100 people	Approximately 400 people	Between 100-150 people	
People Aged 65+		More than a quarter of the population	More than a quarter of the population		More than a quarter of the population	More than a quarter

ESIA Final Draft Report February 2023

Project No: 21/003 59 / 75

Type of Vulnerability	Kurtpınarı	Kurtkulağı	Sarımazı	Gölovası		
						of the population
	Diseased or Needed People	Between 5-10 people	2 or 3 pe	ersons	At least 1 person	No information available
Disabled People (Mental & Physical)		2 persons	6 pers	sons	2 persons	1 persons
People Who Do not Have Health Insurance		At least 10 households	Approximately 15 households		At least 10 households	Unknown number
People whos Income is below the Minumum Wage/ Receiving Donations from the State or Foundaitons		No information available	No informatio	on available	No information available	No information available
Female-heade	At least 15 households (one of these households is affected by the CPIR expropriation activities)		No information available		No information available	No information available

# Appendix B: Stakeholder List for Universities and Schools

		Universities and Schools		
Level	Organization		Relation to the Project	
	Çukurova University		Within the scope of the	
Universities	Fisheries Faculty, Çukurova University		project, students have internship and job	
	METU Institute of Marine Sciences		opportunities.	
Cabaal	Toros Tarım Primary School		The school is in the vicinity of the Project site	
School	Turkish Petroleum Pipeline Company school and kindergarten;	y (BOTAŞ) Facility Primary	The school is in the vicinity of the Project site	

ESIA Final Draft Report February 2023

Project No: 21/003 61 / 75

# Appendix C: Stakeholder List for Governmental Authorities

	GOVERNMENTAL BODIES						
Level	Organization	Relation to the Project					
Global	ILO (The International Labour Organisation) Turkey Office	ILO may have specific views about the operation of the Project.					
	Ministry of Industry and Technology (MoIT), General Directorate of Industry and Sustainability	These organizations have direct relation with the Project and may					
	MoIT, General Directorate of Industrial Zones	present specific view on the					
	MoIT, General Directorate of Industrial Safety and Inspection	Project.					
	Ministry of Agriculture and Forestry (MoAF), General Directorate of State Hydraulics Works						
	MoAF, General Directorate of Forestry						
	MoAF, General Directorate of Fisheries and Aquaculture	MoAF may have specific views					
	MoAF, General Directorate of Nature Conservation and National Parks	about the operation of the  Project considering marine part					
	MoAF, General Directorate of Livestock	and land use characteristics					
	MoAF, General Directorate of Water Management	around the Project site.					
	MoAF, General Directorate of Agriculture Operations	1					
	MoAF, Directorate of Mediterranean Fisheries Research,	†					
	Production and Training Institute						
	Ministry of Environment, Urbanization and Climate Change						
	(MoEUCC), General Directorate of EIA, Permit and Audit						
	MoEUCC, General Directorate of Environmental	MoEUCC has regulatory functions in relation to the					
	Management  MoEUCC, General Directorate of Spatial Planning	Project such as environmental					
	MoEUCC, General Directorate of Infrastructure and Urban	impact assessment permits and					
	Transformation Services	environmental permitting.					
National	MoEUCC, General Directorate of Natural Assets Protection	1					
	Ministry of Energy and Natural Resources (MoENR), General Directorate of Energy Affairs	These organizations may have					
	MoENR, Energy Efficiency and Environment Department	specific views about the Project					
	MoENR, General Directorate of Mining and Oil Affairs	considering its process in terms energy/utilities and site					
	Petroleum Pipeline Company (BOTAŞ)	considering the neighbouring					
	Turkish Petroleum (TPAO)	facilities/infrastructures.					
	Ministry of Family, Labor and Social Services (MoLSS), General Directorate of Labor	MoLSS may have specific views					
	MoLSS, General Directorate of Occupational Health and Safety	on labor and working conditions, and health and safety of the					
	MoLSS, Social Security Institution	Project personnel.					
	Ministry of Disaster and Emergency Management	This organization may have specific view about the implementation of the Project.					
	Turkish State Railways	This organization may have specific views about the railway development in the vicinity of the Project site.					
	Ministry of Transport and Infrastructure (MoTI), General Directorate of Marine Trade	These organization may have specific views about the marine					
	MoTI, General Directorate of Shipyard and Shoreline Structures	trade, shoreline structures and					

ESIA Final Draft Report February 2023

Project No: 21/003 62 / 75

	GOVERNMENTAL BODIES	
Level	Organization	Relation to the Project
	MoTI, General Directorate of Railway Works	railway development in the
	MoTI, General Directorate of Roadway Works	vicinity of the Project site.
	Ministry of Customs and Trade (MoCT), General Directorate	
	of Customs	
	MoCT, General Directorate of Domestic Trade	These organizations may have
	MoCT, General Directorate of Exports	specific views about the Project since propane will be imported
	MoCT, General Directorate of Strategical Development	through sea shipment.
	MoCT, General Directorate of Trade Research	
	MoCT, General Directorate of Imports	
	6th Regional Directorate of DSI (State Hydraulic Works)	This organization may have specific views about water courses running close to the Project site.
	7th Regional Directorate of Ministry of Agriculture and Forestry	This organization may have specific views on the land use characteristics in/out of the Project site and protected areas close to the Project site as well as the status of the trees in the Project site (if any).
Regional	5th Regional Directorate of General Directorate of Highways	The organization may provide opinion regarding roads and highways related to Project site.
	Adana Regional Board Directorate of Cultural Assets Protection	This organization is an important stakeholder to identify and clarify the archaeological potential of the Project site.
	6th Regional Directorate of State Railways	This organization may have specific views about the railway development in the vicinity of the Project site.
	5th Regional Directorate of Transport and Infrastructure	The organization may provide opinion regarding roads and highways related to Project site.
	The Governorship of Adana	The governorship, representing the national government, is the highest authority in the province.
	Adana Metropolitan Municipality	
	Adana Metropolitan Municipality, Directorate of Environmental Protection and Control, Waste Management Branch	The metropolitan municipality
	Adana Metropolitan Municipality, Directorate of Environmental Protection and Control, Marine and Inland Water Services Branch	and its relevant departments will have responsibilities in relation to the Project.
Provincial	Adana Metropolitan Municipality, Directorate of Planning	
	Adana Metropolitan Municipality, Directorate of Transportation, Transportation Planning Branch	
	Adana Cultural Assets and Tourism Branch	This organization may provide provincial-specific and/or site-specific views on the Project related with the cultural assets.
	Adana Provincial Directorate of Social Security Institution	This organization may provide provincial-specific and/or site-specific views on the Project.

ESIA Final Draft Report February 2023

Project No: 21/003

	GOVERNMENTAL BODIES	
Level	Organization	Relation to the Project
	Adana Provincial Directorate of Environment, Urbanization and Climate Change (PDoEUCC)	PDoEUCC has regulatory functions related to the Project such as environmental impact assessment permits and environmental permitting.
	Adana Provincial Directorate of Agriculture and Forestry	
	Adana Provincial Directorate of Industry and Technology	
	Adana Hacı Sabancı Organized Industrial Zone	T
	TOROSLAR Electricity Distribution Company	This organization may provide provincial-specific and/or site-
	Adana Provincial Directorate of Trade	specific views on the Project.
	Adana Provincial Directorate of Customs	1
	Adana Provincial Directorate of Communications with Non-Governmental	
	Adana Water and Sewer Administration-ASKİ	This organization may provide an opinion related to water/wastewater infrastructure of the Project site.
	Adana Provincial Command of Gendarmerie	This organization has a function
	Adana Disaster and Emergency Management Directorate	to manage and respond to emergency situations.
	Adana Provincial Directorate of Health	This organization may provide site-specific views on the Project.
	Coastal Zone Authority - Ceyhan	This organization may provide site-specific views on the Project.
	The Local Governorship of Ceyhan, The Municipality of Ceyhan	
	The Local Governorship of İmamoğlu, The Municipality of İmamoğlu	
	The Local Governorship of Sarıçam, The Municipality of Sarıçam	The project site is located in Ceyhan district and the local
	The Local Governorship of Seyhan, The Municipality of	governorship, the central municipality are stakeholders
District	Seyhan  The Local Governorship of Yumurtalık, The Municipality of	regarding obtaining relevant permits, approvals during
	Yumurtalık The Local Governorship of Yüreğir, The Municipality of Yüreğir	<ul> <li>planning, and construction and operation phases of the Project.</li> </ul>
	The Local Governorship of Erzin, The Municipality of Erzin	
	Ceyhan District Directorate of Ministry of Food, Agriculture and Livestock	

# Appendix D: Stakeholder List for Non-Governmental Bodies

ON-GO	/ERNMENTAL BODIES	
/el	Organization	Relation to the Project
	Çukurova Protection of Amateur Fishing, Marine and Natural	
	Life Association	_
	Protection from Chemicals Association  Vurnutally Developeration Protection Training and	-
	Yumurtalık Deveciuşağı Fisheries Protection, Training and Solidarity Association	
	Protection and Sustentation of Nature and Animals	-
	Anatolian Animal Rights Federation	<u>-</u>
	Mediterranean Fish and Aquaculture Producers Association	-
	Ceyhan Amateur and Sportive Handline Fishers Association	-
	Çukurova Ornithology Association	-
	Natural Life Protection, Development of Agriculture and	-
	Livestock Association	
	Sustainable Fisheries and Environmental Research Association	
	Sustainable Agriculture (Agroecology) Association	_
	Turkish Agriculturalist Association - Adana Branch	
	Adana Children and Woman's Right Association	
	Human Rights Association -Adana Branch	
	Adana Regional and Economical Development Association	
	Adana Young Entrepreneur And Innovation Association	-
	Adana Solution to Unemployment Association	-
	Adana Sustainable Development, Protection of Environment	-
	and Consumer and Culture Association	
	Mediterranean Environmental Protection and Culture	_
	Association	_
	Eastern Mediterranean Civil Society Empowerment Association	
	Tarsus Protection and Sustentation of Old Valuable Assets	-
	Association- Adana Branch	
	Yumurtalık Platform Environmental Training and Culture	
	Association  All Subcontractor Employees Corporation and Solidarity	-
	Association - Adana Branch	
	Headmen Federation	
	Çukurova Enhancing Society and Solidarity Association	
	Adana City Council	_
	Development of Tourism in Yumurtalık and Protection of	_
	Environment Association	_
	Ecological Research Society (Ekad)	_
	Toraks-Association	_
	World Wildlife Fund	
	Turkish Foundation for Combating Soil Erosion for Reforestation and Protection of Natural Habitats	
	Ceyhan Chamber of Agriculture	-
	CAYGEM Ceyhan Business Development Center	1
	Ceyhan Chamber of Commerce	-

ESIA Final Draft Report February 2023

Project No: 21/003 65 / 75

_evel	Organization	Relation to the Project
NON-GO	VERNMENTAL BODIES	
Level	Organization	Relation to the Project
	Ceyhan Bourse of Commerce	
	Ceyhan Tradesmen and Craftsmen Credit and Surety Cooperative	
	Yumurtalik District Ayas Aquaculture Cooperative	
	Civil Society Institution - Adana	
	Greenpeace	
	Child Labor Monitoring and Prevention Association	
	Adana Women's Solidarity Center and Shelter Association	
	Adana City Council	
	Çukurova Ecological Life Initiative	
	Uçan Balon Child and Youth Association	
	Turkish Women's Union	
	Seyhan Regional Development Association	
	European Union Harmonization, Development, Culture and Contemporary Life Association	
	Housewives Culture and Solidarity Association	
	Adana Provincial Coordination Board	
	Kurtkulağı Agricultural Credit Cooperative No. 2001	
	Sarımazı Agricultural Credit Cooperative No. 1953	
	Gölovası Aquaculture Cooperatives	
	Mediterranean Agriculture and Citrus Workers Motor Carriers Cooperative	
	Altı Nokta Körler Association	
	Adana Ceyhan Special Education and Rehabilitation Center	
	Çukurova Special Education and Rehabilitation Center	
	Ceyhan Umut Yolu Special Education and Rehabilitation Center	
	Mavi Boncuk Special Education and Rehabilitation Center	

**Appendix E:** Photographs taken during the Public Consultation Meeting held on 6<sup>th</sup> March 2020





ESIA Final Draft Report February 2023

Project No: 21/003 67 / 75





# Appendix F: Meeting notes of Public Consultation Meeting held on 6th March 2020

A public consultation meeting (PCM) was conducted on 6th March 2020 in coffee house in Kurtkulağı Neighbourhood located approximately 6.5 km to the Project site. Following the PCM, a face-to-face meeting with headmen of Gölovası Negihbourhood, who is also responsible for the S.S.S. Gölovası Neighbourhood Aquaculture Cooperative, was held. Ceyhan Polipropilen A.Ş. (Project Company) representatives and HaskoningDHV TR Engineering Inc. (RHDHV-TR) Environmental and Social Impact Assessment (ESIA) Project team members were present during the PCM. A total of 58 people attended the PCM; including 35 people from Kurtkulağı, 8 people from Kurtpınarı, 7 people from Sarımazı, 2 people from Gölovası, 2 people from Ulus, 1 person from Sağırlar, 1 person from Narlık, 1 person from Hürriyet as well as 1 delegate of Development of Tourism in Yumurtalık and Protection of Environment Association.

## Attendees from Project Company:

- İlhan Uğur Alkan, Finance Director
- Tuba Arslan, Business Development Specialist
- Gamze Neslihan Şahin, Design Specialist
- Eylül Kırbaç, Environmental Specialist

#### Attendees from RHDHV-TR:

- Gürkan Özbek, Environmental and Social Expert
- Hande Hatipoğlu, Environmental and Social Expert
- Elif Öç, Environmental and Social Expert

The meeting started with a brief on the Project, including fields of use of polypropylene, given by the Project Company representatives; followed by RHDHV-TR Project team's presentation summarizing the main features of the Project and ESIA process as well as stakeholder engagement process and activities has been and to be undertaken. A question-answer session was undertaken after the presentation where the following topics were discussed:

#### Cooling water use/source:

Questions related with the need for the water sources to be used in the processes and possibility of sea water to be used as cooling water, were raised during the meeting. Concerns are mainly related with negative effects of potential sea water temperature change on the marine habitat.

Project Company responded that sea water will not be used for any purposes in the Project. The Project will certainly have a cooling system; therefore, a suitable technology was selected to recirculate the water within the process. It was also stated by the Project Company that

there are several applications of the same process in different counties (America, Canada, Belgium etc.), where it is successfully operated.

Potential adverse impacts on the nearby communities

Due to the proximity of the Project to the residential areas, the public was curious about the potential mitigation measures to be taken during the implementation of the Project. Project Company explained the health protection zone to be provided between the Project premises and the residential areas. It was also emphasized by the Project Company that the units have also been designed to be positioned at a certain distance from the health protection zone border. Additionally, a brief information on the steps of the ESIA process were provided and potential environmental and social issues to be assessed during the ESIA process related with the Project were summarized.

## Polypropylene fields of use:

Information related with the superiority of poly-propylene was requested. Project Company provided information on the current status of the poly-propylene productions (import and export capacity of Turkey) and fields of use of polypropylene. Project company underlined that Turkey is mostly a poly-propylene importer and this Project is expected to increase the national production to supply %20 of the national demand.

Proposed workforce during construction and operation phase of the Project:

Project Company stated that maximum 250-300 personnel will be employed during the operation phase of the Project; whereas, 2,500-3,000 workers (at peak conditions) will be employed during construction phase of the Project.

#### Local Employment:

Previously, other Project developers in the region committed to provide local employment. However, as reported by local public, employment could not be provided at a sufficient rate not only during construction but also during operation phases of the Projects. Especially in the operation stage, in which qualified workforce is required, local employment decreases. Reportedly, unemployment rate (both skilled, semi-skilled, and unskilled) is quite high in the surrounding neighbourhoods as young generation mainly leave the region to seek jobs in other cities / regions.

Residents (both young and mid-age groups) are willing to be employed in the Project. Especially, women groups raised their requests related to employment. They are willing to be employed during construction and operation phases of the Project. They are also open for developing new skills/capabilities; such as cooking etc., possibly through training courses, certification systems etc., which might even be provided by the Project Company.

Sarımazı Village Headman expressed that there are 5 villages around the Project site and he asked how will the recruitment be shared. Project Company representatives stated that Project Company also favours local recruitment, however this is limited with the candidate's professional suitability with the required jobs, so that such allocation per village cannot be given. Another attendee asked for a certain quota to be provided for local employment. Project Company representatives stated that this is also limited with the candidate's professional suitability with the required jobs, so that such quota cannot be provided.

• Raw material supply and political discrepancy:

It was stated during the PCM by one of the attendees that the operation of the Project is dependent to the political issues due to the fact that propane will be imported through sea shipment from Algeria. Project Company stated that concerns related with the possible political discrepancy between Algeria and Turkey were discussed during the proposal stage and shareholder structure was organized accordingly. It was also stated by the Project Company that there are a number of alternative propane suppliers/importers in the market.

Planned social responsibility activities:

Questions were raised regarding corporate social responsibility activities planned by the Project Company considering the proximity of the Facility to the surrounding neighbourhoods. As a response, it is of particular importance for the Project Company to understand and identify the communities' needs together with the shareholders.

Attendees requested the renovation of the Health Centre and Football ground in Kurtkulağı neighbourhood.

• Environmental concerns/potential impacts:

RHDHV-TR Project team presented potential environmental and social aspects/issues related with the construction and operation phase of the Project and briefly informed the public about the possible environmental concerns such as impacts on the sea/sediment quality and marine habitat, noise/vibration and air quality, impacts on water sources and agricultural activities etc.

Project Company stated that the units/process of the Project is completely different from the Thermal Power Plants' processes as there are significant concerns related with thermal power plant operations in the region. The main raw material to be used; namely propane, is quite similar to LPG and much cleaner as compared to coal.

Community health and safety concerns:

Information on road transportation routes were requested and concerns related with the potential traffic increase were raised. Project Company provided information on the potential

routes for road transportation which are not passing through the Kurtkulağı and Kurtpınarı neighbourhoods.

Meeting Notes with Gölovası Negihbourhood Headman, who is also responsible for the S.S.S. Gölovası Neighbourhood Aquaculture Cooperative:

A total of 30-40 fishery boats are based in S.S.S. Gölovası Neighbourhood Aquaculture Cooperative. Owners of the 4-5 of these boats reside in Incirli. Reportedly, 20% of the population secure their income through fishing activities in Gölovası Neighbourhood and fishing activities are mainly conducted in between Dörtyol and Yumurtalık region. The areas, where the fishing activities are conducted changes (coastal and deep-sea fishing activities), depending on the season. Coastal fishing activities are mainly performed during winter season; whereas fishing in deep sea is more common during summer. Reportedly, it is prohibited to conduct fishing activities at a certain distance from the BOTAŞ, TOROS Tarım and ISKEN shoreline. Coastal fishing activities are restricted due to the industrial developments in the region with construction of jetties (having 1 to 2 km distance from the shoreline); therefore, coastal fishing activities are being performed in only the permissible areas between BOTAŞ and Yumurtalik Free Zone (i.e. where the Project site is located). It is stated that currently fishing boats are frequently using the shoreline close to the Project site for coastal fishing and with the development of a new jetty and its protection area, their activity will be further limited.

Reportedly, fishing activities are not affected by the marine traffic. However, due to the number of jetties constructed in the region, the time spent for round trips by fishermen has increased.

Reportedly, most of the fish population in the region uses the areas around the jetties as nursery ground (i.e., BOTAŞ, TOROS Tarım etc.). It was stated by the headman of Gölovası Neighbourhood that a number of corporate social responsibility activities have been undertaken in the region within the scope of the stakeholder engagement efforts of the industrial facilities (e.g. BOTAŞ-BTC and İSKEN Thermal Power Plant). In this context, most of the fishermen and the Cooperative itself receives support from these Facilities (i.e., scholarship for their children, machinery support/allowance etc.).

**ESIA Final Draft Report** 

February 2023

# Appendix G: Sample Grievance Form

# CEYHAN PROPANE DEHYDROGENATION AND POLY-PROPYLENE PRODUCTION PROJECT COMMENT/COMPLAINT FORM

INFORMATION ABOUT THE PERSON SUBMITTING COMMENT AND/OR COMPLAINT  (Please leave blank if you wish to remain anonymous. Your comments/complaints will still be considered by the Project Developers)					
Full Name:	Contact Information: ( on how you wish to be By mail		vide necessary information based )		
Date:		By phone  By e-mail.			
Indicate your purpose: ☐ Comm Recorded by: ☐ Person submitti ☐ Other (please	ing comment/complaint	Sign 	ature		
YOUR COMMENTS ON THE	PROJECT (Continue on th	e back of	the sheet if required)		
INFORMATION ABOUT YOU	R COMPLAINT				
Describe the Complaint (Contin	ue on the back of the sheet i	f required)			
Date of Incident Regarding Comp	plaint				
□ One time incident/grievance (Da	·				
☐ Happened more than once (how	-				
☐ ☐ On-going (currently experien  What would you propose to reso		n the back	of the sheet if required)		
wilat would you propose to reso	TVE THE PROBLEM: (SOMMING)	III tile back	of the sheet in required)		
This section will be filled by	the Project Developers (S	pecial Pur	pose Vehicle)		
STATUS OF COMMENT					
Comment Logged (Y/N)	Comment Logged (Y/N)	Com	ment Logged (Y/N)		
Response Required (Y/N)	Response Required (Y/N)				
STATUS OF COMPLAINT					
Complaint Logged (Y/N)	Complaint Logged (Y/N)	Com	plaint Logged (Y/N)		
Date of Response sent:	Date of Response sent:	Date	of Response sent:		

You can send your written comment/grievance to us by mail, e-mail or fax:

E-mail: info.cpp@ronesans.com Fax: +90 312 468 1336

Address : Aziziye Mah. Portakal Çiçeği Sok. No:33 Çankaya/Ankara

ESIA Final Draft Report February 2023

Project No: 21/003 73 / 75

# Appendix H: Sample Grievance Closeout Form

Type of Grievance:			[ ] Public	[ ] Employee		
Is the case urgent:			[]YES	[ ] NO		
Comment/Complaint Form number						
Grievance closeout number:						
Date Submitted:						
Target Date for Resolution:						
Contact Information of the Stakehold	ler (if given)					
Desired Method of Contact:						
Description of the Grievance:						
Compensation Required?			[]YES	[ ] NO		
Assessment of Grievance Level and	Rationale:					
CONTROL OF THE REMEDIATE ACTION AND THE DECISION						
Stages of the Remediate Action				Deadline and Responsible Party		
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
Sign off:						
Date:			<u></u>			
In case the case was non- anonymous Is the complainant satisfied with the corrective action taken to address the grievance?	[]YES	[ ] NO	Comments:			
Is the grievance resubmitted?	[]YES	[ ] NO	Comments:			
			Date of Resubmission:	Date of Resubmission:		
Grievance Closure:						
To be Completed by Non-Anonymous Complainant						
Name of the Complainant:			Т			
Are you satisfied with the corrective measures taken for your grievance?	[]YES	[ ] NO	Comments:			
	l		<u> </u>			

ESIA Final Draft Report February 2023

Project No: 21/003

Signature of Complainant:			Date:	
To be Completed by CLO				
Are you satisfied that this grievance has been resolved?	[]YES	[ ] NO	Comments:	
Signature of CLO			Date:	