

Trans Anatolian Natural Gas Pipeline Project

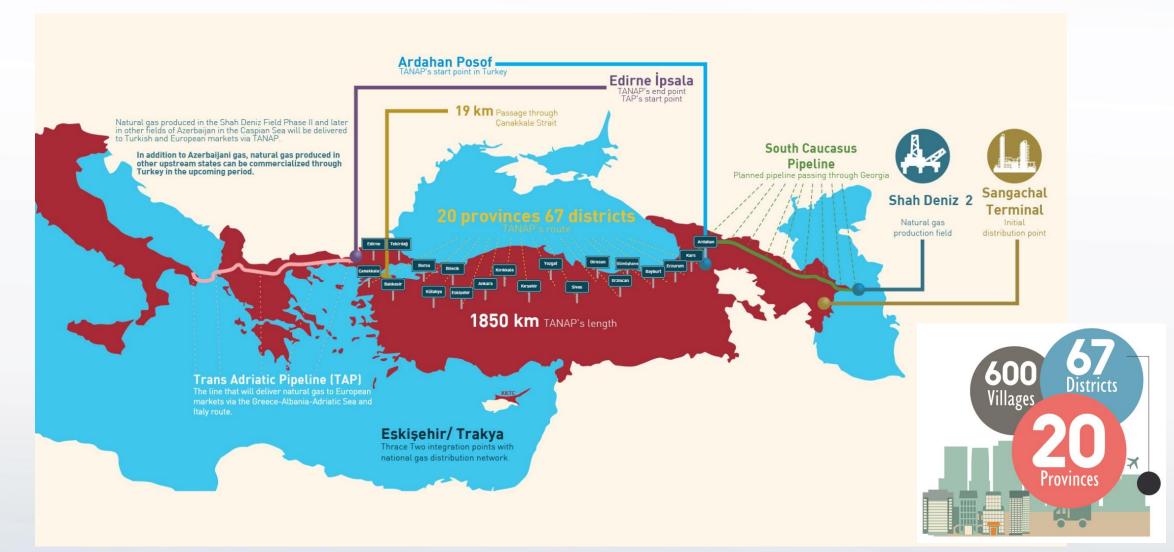
Livelihood Restoration Management

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TANAP Natural Gas Pipeline Route



Dardanelle Strait Crossing - Offshore

Project Components & Current Status

Gas Transmission Capacity

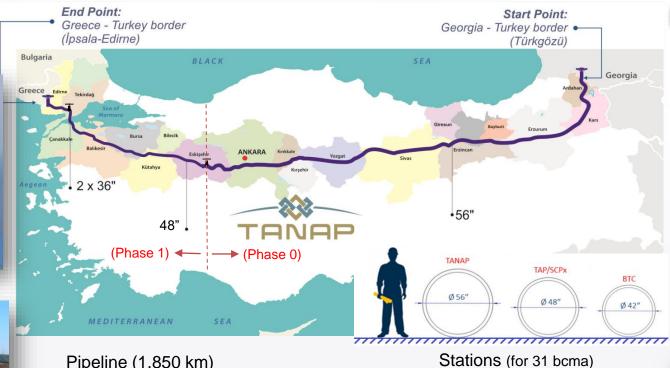








1st year of Phase 0 operations has been achieved on 30th June 2019





Pipeline (1.850 km)



(1.340 km)(476 km)



(2x17.6 km)

Stations Eskişehir Thrace





Above-Ground Installation (AGI)



International Finance Institutions Environmental and Social Standards

Main Reference Documents

IFC (for ESIA process)

Performance Standard 1: Assessment and Management of Environmental and Social

Risks and Impacts

Performance Standard 2: Labor and Working Conditions

Performance Standard 3: Resource Efficiency and Pollution Prevention

Performance Standard 4: Community Health, Safety, and Security

Performance Standard 5: Land Acquisition and Involuntary Resettlement

Performance Standard 6: Biodiversity Conservation and Sustainable Management of

THE WORLD BANK

Living Natural Resources

Performance Standard 7: Indigenous Peoples

Performance Standard 8: Cultural Heritage

World Bank Operational Policy and E&S Framework

EBRD Performance Requirement

Other IFIs such as MIGA, AIIB, EIB with their own E&S standards Equator Principals for other commercial banks







TANAP

Land Acquisition-Induced Impacts



No of acquired plots:

28,850 - all 73% - private



Area of acquired Land

6,984 ha - all 66% - private



% of registered plots: 96.5% of all



No of landowners:

≈ 115,000 – all

≈ 2,200 – AGIs (2%)



No of Affected Settlements:

≈ 600 (585) - all

≈ 50 (46) – AGI-affected with users



No of Land Users whose livelihood may be adversly impacted by AGIs:

≈ 200 – all potential identified 133 – LRAP Beneficiaries



% of PAPs received livelihood supports from RAP Fund/LRP:

5% (≈ 6,000 PAPs) - all 6% (133 PAPs) - AGIs









Management of Economic Displacement Impacts

Avoid

 Avoiding physical displacement by appropriate route selection and route change, where necessary

Mitigate / Compensate

- Acquisition of lands with mutual agreement
- Paying loss of crops and assets before land entry
- Ongoing stakeholder engagement throughout the project lifecycle
- Establishing an easily accessible Grievance Redress Mechanism
- Allocating social budget and working with a dedicated social team



- Establishing a RAP Fund mechanism (ie. Payments for multiple pipelines-impacts, transitional allowance)
- Fisheries Livelihood Restoration Plan
- Livelihood Restoration Plan for AGI-affected People and Communities



Goal: Managing Economic Displacement-induced Livelihood Impacts (Impoverishment Risk) and Enhancing Benefit Sharing in line with IFIs Social Standards



Livelihood Restoration Assistance Packages (LRAP)

Main Objective

Assisting AGI-affected VP in their efforts to restore and improve their livelihoods



Livelihood Restoration Plan for Above-Ground Installations

Livelihood Restoration Assistance Packages (LRAPs)

<u>Individual</u> based Packages:

- Small-scale Agricultural and Animal Husbandry focused Livelihood Assistance
- Cash support for incapable persons due to age/disability

<u>Community</u> based Packages:

- Animal Health Care Support Program with Training
- Community Improvement Support for Common Benefits



Special support for vulnerable people

Integration of Rural Women with Gender Sensitiveness





On-site Identification of Project-affected People and Potential Beneficiaries

Participatory Process for Assessment of Eligible Beneficiaries





Transparent, Fair and Accountable Evaluation of Applications

Basic Principles of LRP Implementation





37%

PAPs with Existing Vulnerabilities

40%

PAPs with Projectinduced Additional Vulnerabilities

23%

PAPs with Projectinduced Potential Vulnerabilities

- A.1. Women Head of Households
- A.2. Poor (in-deed)
- A.3. Landless households after the Project's land acquisition
- A.4. Elderly Landowner or Landowner with disabilities who are sharecropper, not active user because of their incapability
- A.5. Elderly (65+)
- A.6. Head of Households having a family members with disabilities
- B.1. Informal Land users of Public Lands
- B.2. Formal/Informal Land users of Private Lands
- B.3. Community Using Common Lands for Grazing
- B.4. Shareholder Land Users
- B.5. Unviable (Remaining) Land
- B.6. Female Land Users
- C.1. Single-Headed Households with multiple vulnerabilities
- C.2. PAPs employed by the project as temporary workers
- C.3. Disputed Lands' Owner Users
- C.4. PAPs affected by cumulative impact of TANAP Project components



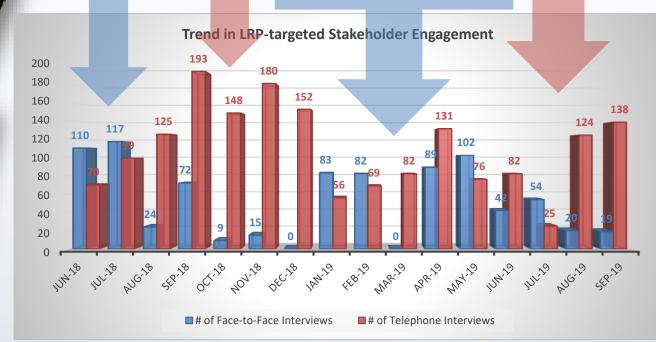
Continuous Intensive Stakeholder Engagement

Evaluation of Applications

Delivery of Community Supports & Coordination of Implementation

Consultation & Collection of Application

Consultation for Community
Supports and 1st Round
Monitoring





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Individual-based Livelihood Assistance Packages

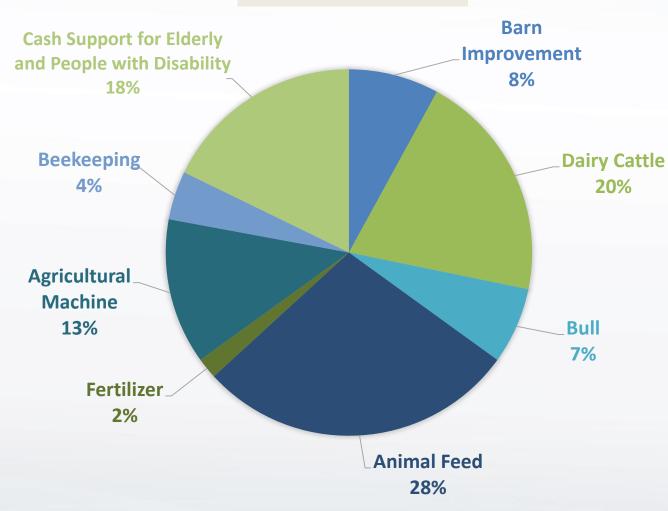
DISTRIBUTION OF PACKAGES

- ☐ Total number of **Beneficiaries**: 133
- ☐ Total number of **Female Beneficiaries**: 14 (11%)
- ☐ Majority of the Beneficiaries (65%) are living in the poorest rural areas along the Pipeline Route
- ☐ **Total** number of **Packages** delivered: 163
- ☐ Top three agricultural-based livelihood packages delivered:
 - i. Support for animal feed,
 - ii. Support for cattle,



iii. Support for Agricultural Machine







Beneficiaries Feelings & Thoughts



BENEFICARY OF SUPPORT FOR ANIMAL FEED:

«I used to buy feed on credit till now but this year, I could buy more feed cheaper thanks to your support and I could feed my animals better. Every year, 2 sheep and 1 cattle were dying; none of them were dead this year.»



BENEFICARY OF SUPPORT FOR AGRICULTURAL MACHINE:

«We used to have a manual sowing machine; but this is more developed and easier to use. I had to go to the field to help my husband, but now I don't have to go for cultivation. So, it saved time and money»



BENEFICARY OF SUPPORT FOR A DAIRY CATTLE:

«This support is good for us as our economic situation is not so good. I could buy limited feed with the milk I sold. Now, thanks to your support for cattle, I can do breeding stock and thus, increase the milk yield.»



FEMALE BENEFICARY OF SUPPORT FOR AGRICULTURAL MACHINE:

«Thanks to this animal feed mixer, our milk yield increased by 10%. This machine saved a lot of time; now we can work less.

And I, as a woman, become the one who brings in money into the house.»



BENEFICARY OF SUPPORT FOR A POULTRY HOUSE:

«We spent the compensation paid for the land on our child's education. I've been working with my wife in the Project for a long time. And now, this poultry house meets our daily expenses.»



BENEFICARY OF SUPPORT FOR A BULL AND ANIMAL FEED:

«I am very pleased with the support; my land loss was compensated. I had cows, but no bull. Now I'm gonna do breeding. I also didn't have to sell my three calves thanks to your animal feed support.»



BENEFICARY OF SUPPORT FOR A BARN:

«I became a model for this village with this barn I built with your support; now I see myself more brave, I can walk self-confidently in the village. The land feeds us, but the barn will bring income.»



BENEFICARY OF SUPPORT FOR BEEHIVES:

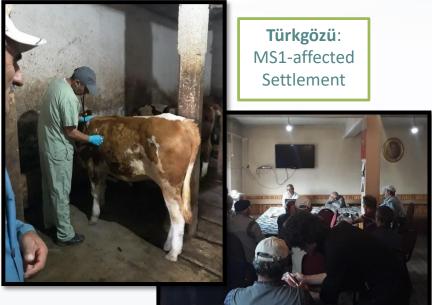
«I am pleased with the support; my bees increased. Now I have a total of 24 hives. I haven't earned any income from beekeeping yet, but this support has compensated my fifteen years. I will increase my family's income.»



Awareness Raising Trainings for around 300 villagers (30% = F)



Health Check of Cattle and Training under Preventive Animal Healthcare Program



330 hygiene packages for the

newborn calf





Nearly 3000 cattle (1429 cows, 411 heifer, 42 bull and 940 calves) were examined for basic health check





TANAP









Community-based Social Supports







Challenges & Lessons Learned

Interactive and Continuous Communication

Identification of Project-specific Vulnerability Types

Multi-disciplinary
Collaborative
Working
Environment

Allocation of Adequate Resources

Detailed Desktop
Analysis &
Site Investigation

Timing:

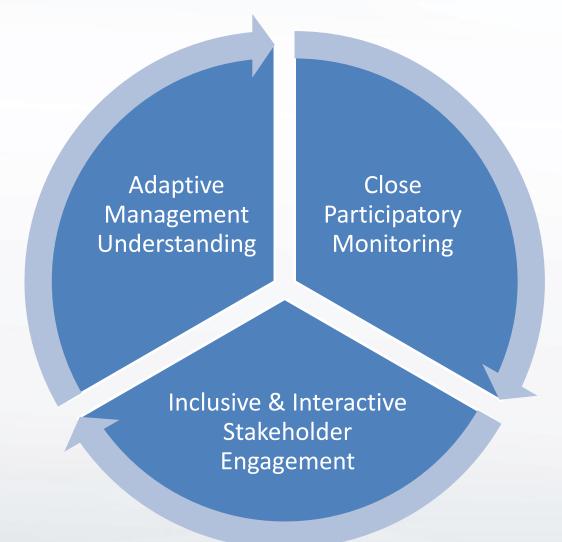
Not too early Not be late!

Comprehensive and Regularly Being Updated Data Base

Thorough
Evaluation of
Eligibility



What made us difference?





Little Touches Making Difference in our Neighbours Lives...



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Any Comments or Questions?

Thank you