

EU-EIA Policy for IPA Projects in Turkey

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COUNTRY PROFILE

Republic of Turkey
Türkiye Cumhuriyeti

Flag



President : **Recep Tayyip ERDOGAN**

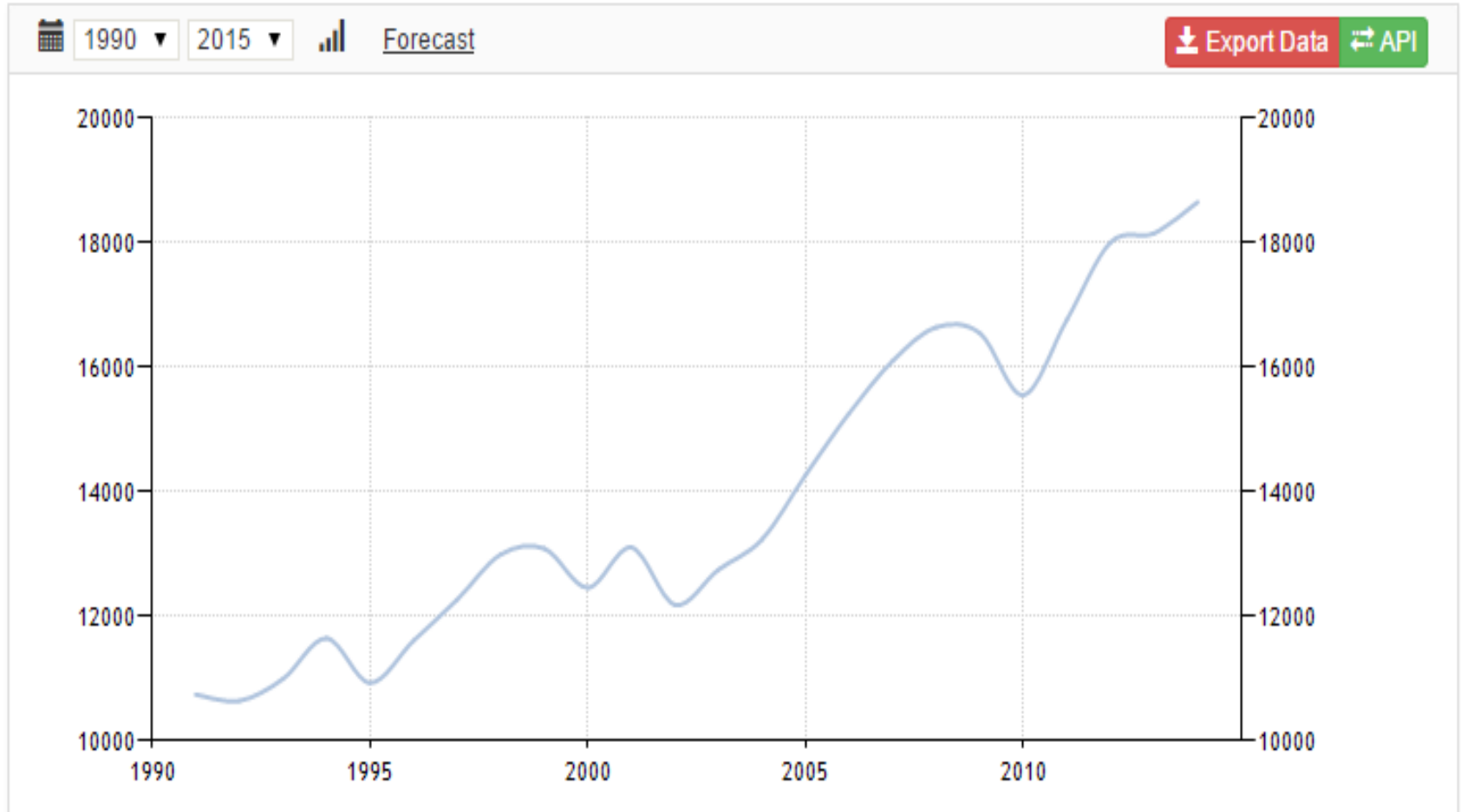
Prime Minister : **Prof. Dr. Ahmet DAVUTOGLU**



COUNTRY PROFILE

Legislature	Grand National Assembly		
Area			
-	Total	783,562 km ² 302,535 sq mi	(37th)
-	Water (%)	1.3	
Population			
-	2013 estimate	75,627,384 ^[3]	(18th)
-	Density	97/km ² 239.8/sq mi	(108th)
GDP (PPP)		2012 estimate	
-	Total	\$1.358 trillion ^{[4][5]}	(15th)
-	Per capita	\$18,348 ^[5]	(54th)
GDP (nominal)		2012 estimate	
-	Total	\$789.257 billion ^[5]	(17th)
-	Per capita	\$10,666 ^[5]	(64th)

GDP (PPP) 1990-2014



Turkey-EU relations

- Turkey , member of the Council of Europe , in 1949,
- Turkey first applied for associate membership in the European Economic Community in 1959,
- "Agreement Creating An Association Between The Republic of Turkey and the European Economic Community", signed in 1963
- Turkey's application for full membership to EU in 1987.
- Turkey signed a Customs Union agreement with the EU in 1995.
- Officially recognised as a candidate for full membership in 1999, at the Helsinki summit of the European Council.
- Negotiations were started on 3 October 2005
- Chapter on Environment is opened in 8 December 2009

IPA implementations in Turkey-1

- Environment Operational Programme for 2007-2013
- Environment and Climate Change Sectoral Operational Programme (2014-2020)
- Which projects ?
- water supply, urban wastewater
- integrated solid waste management, rehabilitation and closure of old dumpsites

IPA implementations in Turkey-2

- EU Integrated Environmental Approximation Strategy (UCES)
- The total sectoral budget required for Acquis implementation for the period 2007-2023 is EUR 58.5 billion.
- Turkey's current investment provided from national Budget for environmental investments and their operation is 2,5 billion EUR.

Sectoral Distribution of Environmental Investments
in Turkey between 2007-2023

SECTORS* (totals)	INVESTMENT NEEDED (total per sector)		
	(Million TL)	(Million EUR)	Rate (%)
Water sector	63,114	33,969	58
Solid waste sector	17,762	9,560	16
Air sector	69	37	0
IPPC Sector	27,415	14,755	25
Nature protection sector	490	264	0
Total	108,851	58,585	100

Country	2007	2008	2009	2010	2011	2012	2013
Albania	61.0	70.7	81.2	94.1	94.4	94.5	95.3
Bosnia & Herzegovina	62.1	74.8	89.1	105.3	107.4	107.8	63.6
Croatia	141.2	146.0	151.2	153.5	156.5	156.1	93.5
The former Yugoslav Republic of Macedonia	58.5	70.2	81.8	91.6	98.0	101.8	113.2
Iceland	-	-	-	-	12.0	12.0	5.8
Kosovo*	68.3	184.7	106.1	67.3	68.7	68.8	71.4
Montenegro	31.4	32.6	34.5	33.5	34.1	35.0	34.5
Serbia	189.7	190.9	194.8	197.9	201.8	202.0	208.3
Turkey: Total : 4.799	497.2	538.7	566.4	653.7	779.9	860.2	902.9
Multi-Beneficiary Programme	129.5	137.7	188.8	141.7	186.2	176.2	177.2

Distribution of IPA I

Component	2007	2008	2009	2010	2011	2012	2013
Transition Assistance and Institution Building	256,702,720	256,125,297	239,550,810	217,809,826	231,268,023	227,499,161	238,500,014
Cross-border Co-operation	2,097,280	2,874,709	3,049,190	3,090,174	5,131,977	2,174,617	2,218,109
Regional Development	167,500,000	173,800,000	182,700,000	238,100,000	293,400,000	356,836,341	366,882,353
Human Resources Development	50,200,000	52,900,000	55,600,000	63,400,000	77,600,000	83,930,000	91,167,077
Rural Development	20,700,000	53,000,000	85,500,000	131,300,000	172,500,000	189,785,003	204,184,796
TOTAL	497,200,000	538,700,006	566,400,000	653,700,000	779,900,000	860,225,122	902,952,349

IPA II Period, 2014-2020

Country	2014	2015	2016	2017	2018-2020	TOTAL 2014-2020
Albania	83.7	86.9	89.7	92.9	296.3	649.5
Bosnia & Herzegovina	39.7	39.7	42.7	43.7	*	165.8
The former Yugoslav Republic of Macedonia	85.7	88.9	91.6	94.9	303.1	664.2
Kosovo*	83.8	85.9	88.7	91.9	295.2	645.5
Montenegro	39.6	35.6	37.4	39.5	118.4	270.5
Serbia	195.1	201.4	207.9	215.4	688.2	1,508.0
Turkey	620.4	626.4	630.7	636.4	1,940.0	4,453.9
Multi-country	348.0	365.0	390.0	410.4	1,445.3	2,958.7

IPA II 2014-2020 indicative allocations, * Amounts to be decided at a later stage.

http://ec.europa.eu/enlargement/instruments/overview/index_en.htm

How IPA works in Turkey?

- Turkey implements IPA funds itself, under the Decentralised Implementation System.
- Turkish authorities are in charge of ;
 - procurement,
 - contracting and
 - paymentsfor IPA projects with prior appraisal by the Commission ([EU Delegation in Ankara](#)).

EIA Regulation in Turkey

- EIA Regulation (7th February, 1993)
- EIA Training and Information Centre (2006)
- e-EIA implementation (2012)
- (61.500.000 A4 paper) = (300 tons paper saved)/year
- 5100 trees saved
- 132 000 tons of water saved
- 2 280 000 kWh energy saved.
- 1 000 tons CO₂ equivalent emission prevented

EIA Procedure for EU investment projects

- EIA Regulation has been implementing in Turkey since 7th of February, 1993.
- EIA regulation has been revised recently on 25th of November, 2014
- IPA Projects vs EIA regulation
- Annex I: The list of the projects that requires EIA Report
- a) Facilities that contains sanitary landfill (100 tons/day and above capacity) including recovery, waste combustion facilities.
- b) Waste water treatment facilities with capacity of 30 000 m³/day and/or 150 000 equivalent population.

Environmental Report prepared for IPA Application.

- Consultants prepare IPA Application Form and submits to DoEUI and DoEUI distributes to other stakeholders.
- Non-technical summary is a part of IPA Application Form and includes the result of EIA process including public participation.
- Table of contents
 - A. Addresses and references , B. Project details
 - C. Results of feasibility studies , D. Timetable
 - E. Cost-benefit analysis ,
 - F. **Analysis of the environmental impact**
 - G. Justification for the public contribution
 - H. Financing plan
 - I. Compatibility with community policies and law
 - J. Endorsement of competent national authority

IPA Application

- Annex i: Feasibility study (summary & full version)
- Annex ii: Cost Benefit Analysis
- **Annex iii: EIA Non-Technical Summary**
- Annex iv: Declaration by authority responsible for monitoring sites of nature conservation importance
- Annex v: Copies of relevant decisions permits & other documents with English translation
- Annex vi: Maps

- Environmental report assessed by European Commission (EC) DG Regio.

EC Comments regarding Environmental Reports

- Common comments of EC as follows:
 - a) requires an environmental management plan and a monitoring plan needs to be prepared for the purpose of this project;
 - b) requires an emergency response plan and these should be included in the contracts of the Supervisor and Contractor.
 - c) demands an additional info about the project details, components of projects and its environmental impacts
 - d) requires EIA report, if not available, demands screening process
 - e) requires additional information regarding the potential sources of emissions from the landfill

EC Comments regarding Environmental Reports

- f) requires providing the estimate of the cost of mitigation measures of the negative environmental impact caused by the construction of the landfill and other infrastructure.
- g) states that the environmental impact of the project and related non-technical summary prepared is weak and needs improvements.
- h) Requires providing additional info to the public for the components of the projects that are not part of EIA Report.

V. Plans of EU Investment Department

- An environmental management plan shall be included to IPA Application form
- Monitoring plan shall be prepared and replaced on IPA form.
- An emergency response plan shall be included in the contracts of the Supervisor and Contractor
- IPA application forms should be updated regularly according to response of EC.

Conclusion

- IPA funds support Turkey for environmental infrastructure projects.
- Solid waste management projects are subject to EIA system
- EIA Regulation should be applied to all IPA Projects.

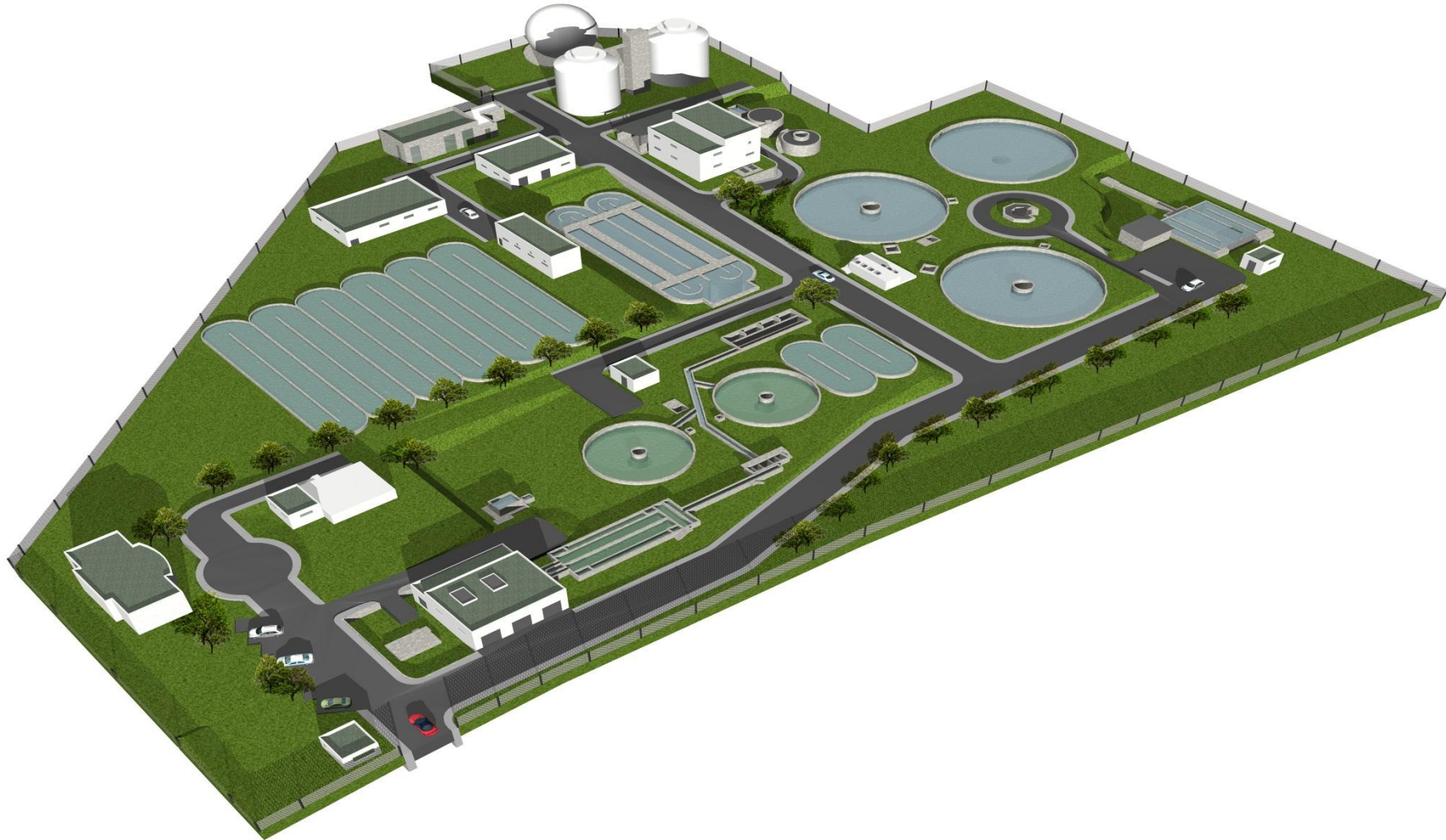
Rehabilitation of dump sites Before



Rehabilitation of dump sites After



Siverek Wastewater Treatment Plant



Lüleburgaz Wastewater Treatment Plant



Ordu Wastewater Treatment Project



Erdemli water supply project, opening ceremony



Opening Ceremony of Dogu Beyazit Project



Thank you for your attention

