

COOPERATIVE PRACTICES IN TURKEY FOR SUSTAINABLE DEVELOPMENT

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WHERE AM I FROM?



TÜRKİYE MÜLKİ İDARE BÖLÜMLERİ HARİTASI

TR  **YA**
ÇEVRE
TROYA GENÇ ÇEVRE DERNEĞİ



COOPERATIVES LEGISLATION IN TURKEY

- In Turkey, there are 84.232 cooperatives and these cooperatives have 8.109.225 members.
- Cooperatives Law No. 1163, encompassing all cooperatives and containing provisions on establishment, operation and supervision, was enacted in 1969.
- After Cooperative Law (No. 1163) two codes have been added;
 - Law No. 4572 on Agricultural Sales Cooperatives Unions
 - Law No. 1581 on Agricultural Credit Cooperatives and Unions



COOPERATIVES LEGISLATION IN TURKEY

Cooperative law(Law No:1163) is divided into the following parts:

- Cooperatives and establishment,
- Acquisition and loss of membership position,
- Rights and liabilities,
- Cooperative accounts,
- Cooperative organs,
- Cooperative associations, central associations of cooperatives, Turkish national cooperatives association,
- Duties and authorities of the related ministry and miscellaneous provisions.



COMMON PROBLEMS AND SOLUTIONS

- The lack of education of the society and cooperative members,
- The lack of an integrated law on cooperatives,
- Insufficient cooperation between cooperatives.

Ev idareat	8	Dokuz
Resim	6	Altı
Beden eğitimi	9	Dokuz
Müzik	8	Sekiz
Akerlik	8	Sekiz
<u>Kooperatifçilik</u>	8	Sekiz
Sağlık bilgisi	7	Yedi
Ruhbilim	9	Dokuz
Özel Öğr. Metodu	7	Yedi
Eğitbilim	9	Dokuz
Eğitbilim tarihi	6	Altı
Toplumbilim	8	Sekiz
Barla tarımı	8	Sekiz
Coğrafya	10	On

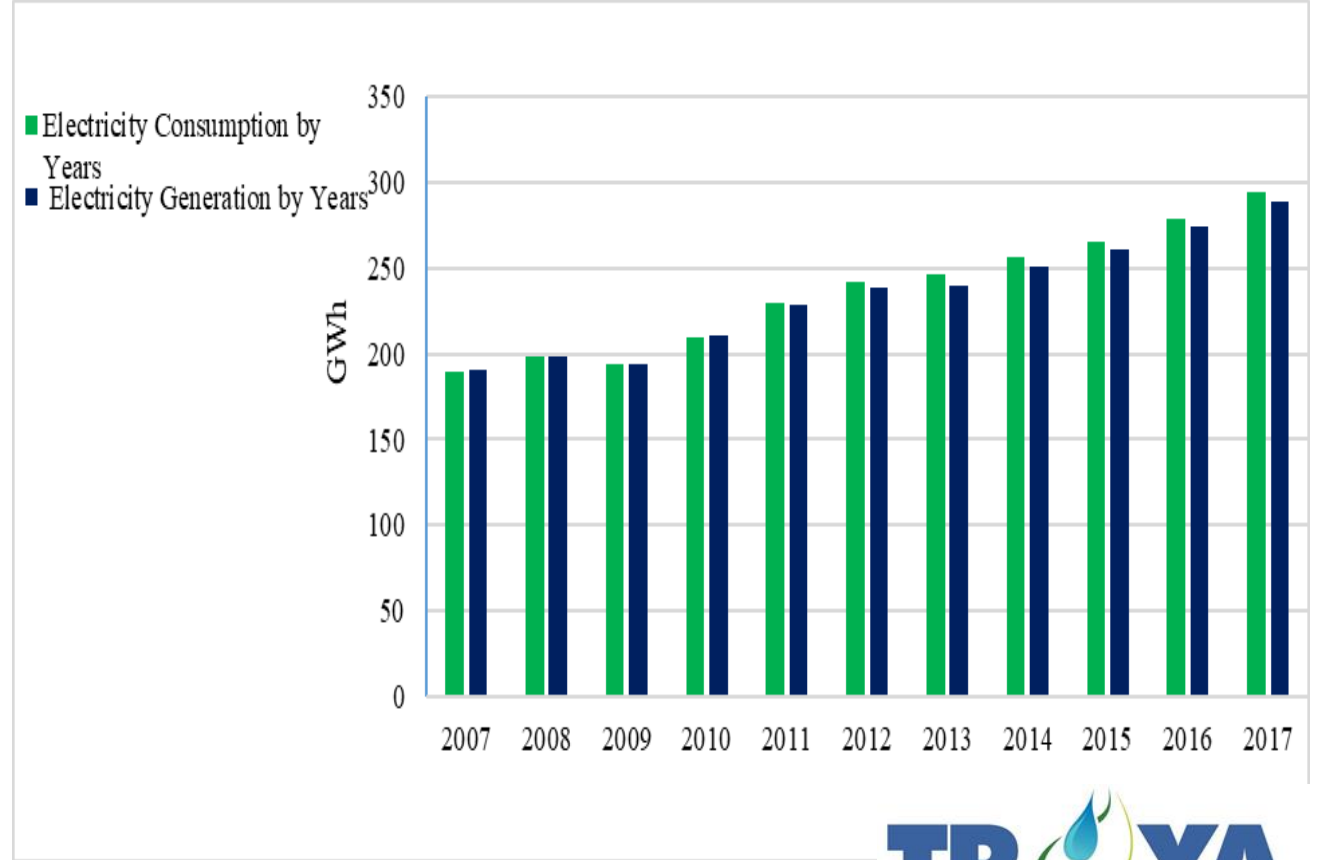
Türkiye Cumhuriyeti
Millî Eğitim
BAKANLIĞI

Köy Enstitüsü
Diploması



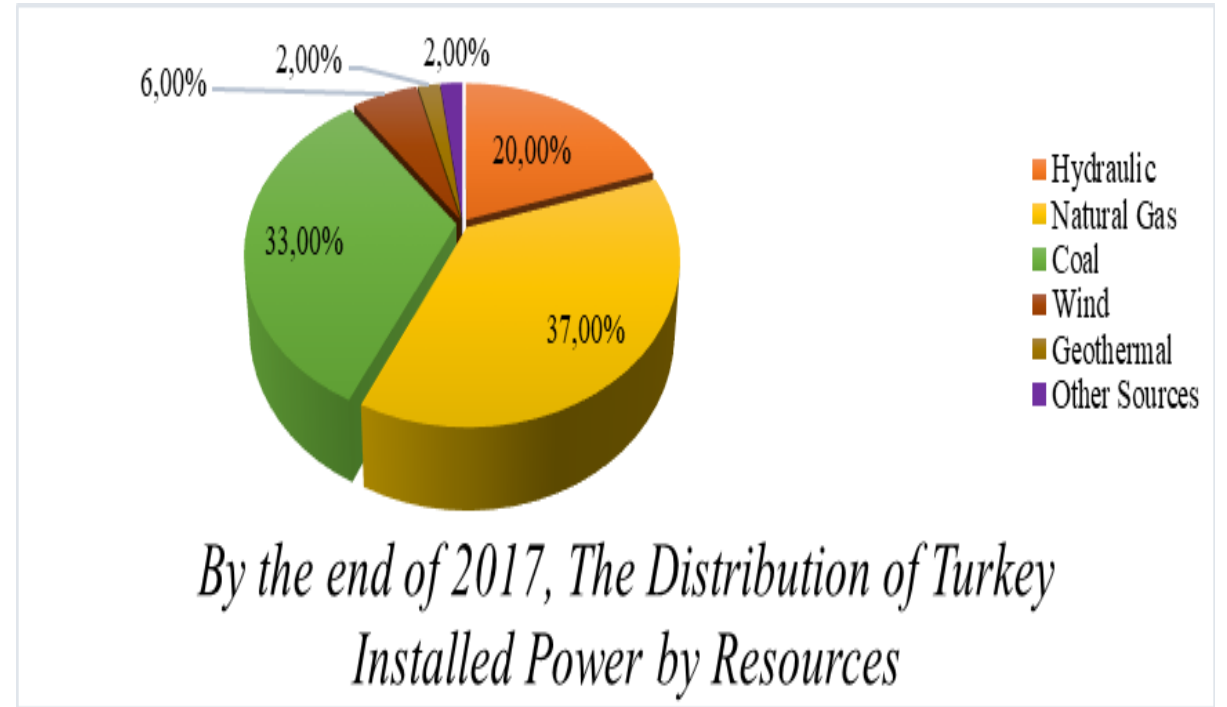
RENEWABLE ENERGY COOPERATIVES

- Electricity consumption in 2017 was realized as 294.9 billion kWh, an increase of 5.6% compared to the previous year. Turkey remains insufficient despite the rapid increase in electricity production of electricity consumption.



RENEWABLE ENERGY COOPERATIVES

- Number of electrical energy power plant in Turkey by the end of 2017 rose to 5,021 units including unlicensed stations.
- Of the existing plant;
 - 628 are hydroelectric,
 - 41 are coal,
 - 207 are wind,
 - 40 are geothermal,
 - 286 are natural gas,
 - 3.616 are solar and
 - 203 are other sources.
- However, according to the figures of the year 2017, wind energy is 6% and solar energy is only 0.02% effective from renewable energy sources.



RENEWABLE ENERGY COOPERATIVES

- **Regulation on Unlicensed Electricity Generation in Electricity Market** dated 23 March 2016. According to this;
 - Maximum production capacity of 1 MW for unlicensed electricity generation at the applications to be made within the scope of the maximum transformer capacity determined by Turkish Electricity Transmission Corporation;
 - If the cooperatives have that;
 - 7 to 100 members can generate to 1MW
 - 101 to 500 members can generate to 2 MW
 - 501 to 1000 members can generate to 3 MW and
 - more than 1000members can generate to 5 MW.
- With the same amendment, international grant schemes including grant schemes of the renewable energy cooperatives' components of the European Union IPA, as well as projects under grants and / or loans provided by public institutions, **can be allocated to 5 MW by Turkish Electricity Transmission Corporation for each transformer center.** With these amendments, the number of existing renewable energy cooperatives in **10 in 2016.**



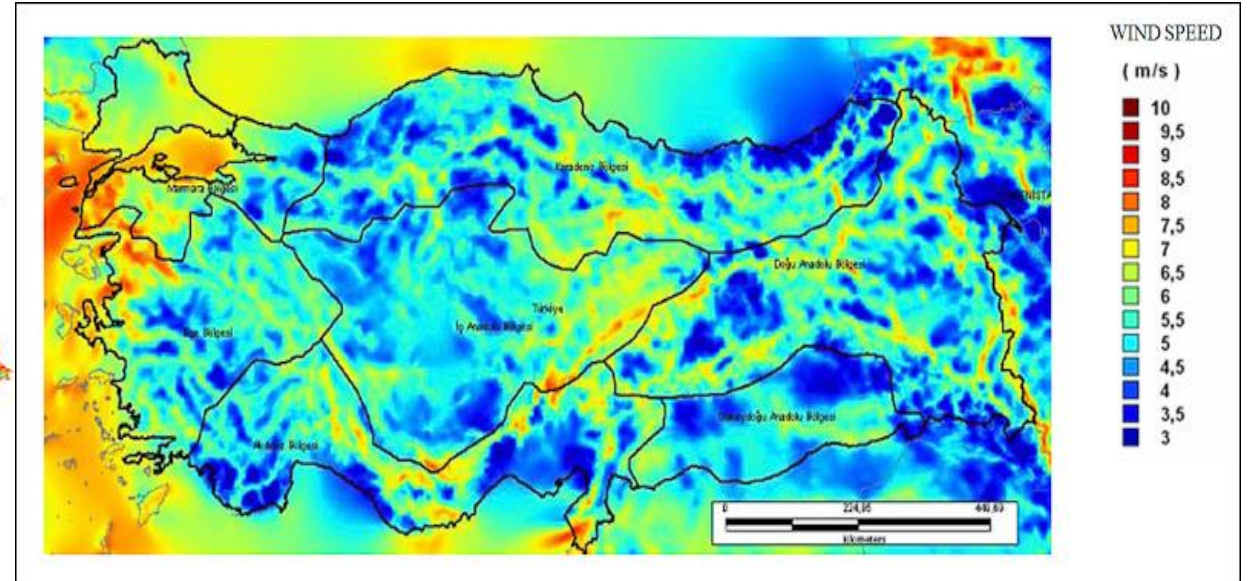
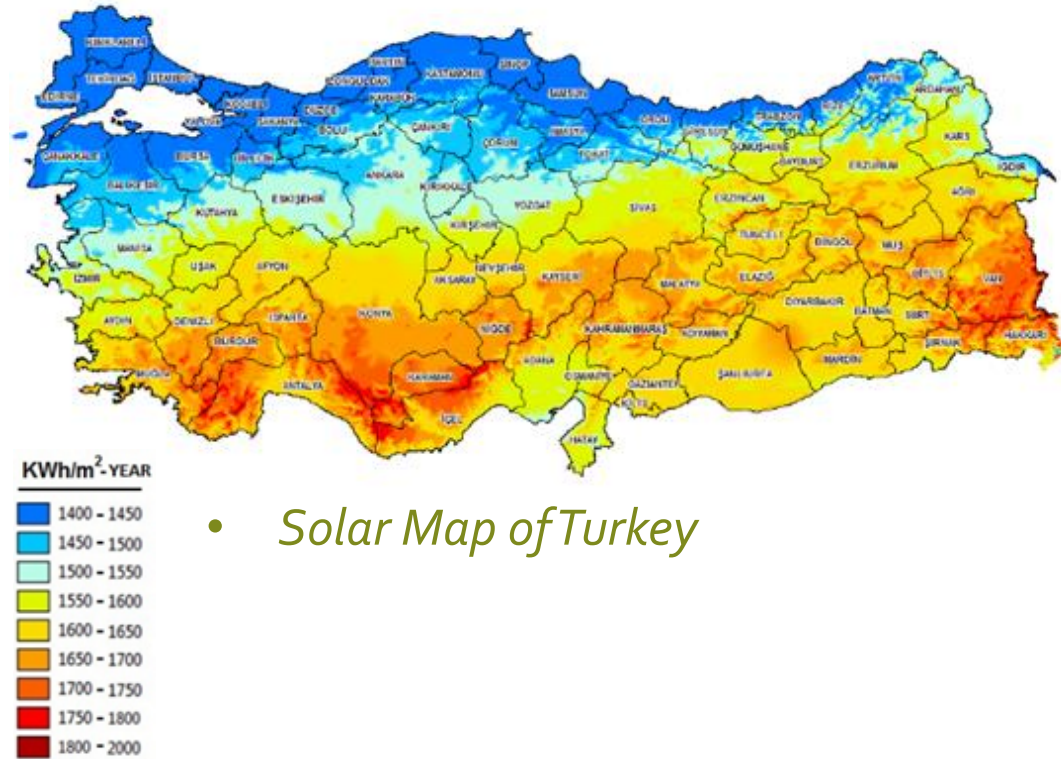
TROYA RENEWABLE ENERGY COOPERATIVE

- The power plants in Çanakkale, which has a total of 24 power plants locally, generate approximately 20.172 GW of electricity per year.
- The number of wind power plants is around 15,
- Geothermal and hydroelectric power plants are about 4,
- 4 thermal power plants.

And only one the solar power plant

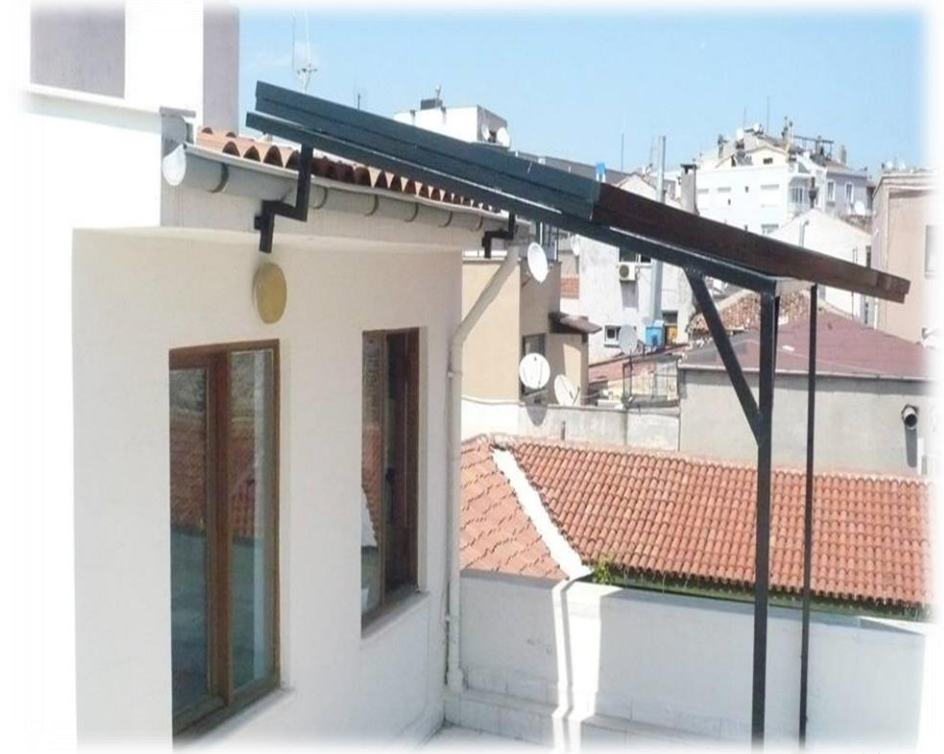


TROYA RENEWABLE ENERGY COOPERATIVE



TROYA RENEWABLE ENERGY COOPERATIVE

- Troya Renewable Energy Cooperative in Çanakkale was established in May 2017 with the management of women. There are now 13 members of the Troya Renewable Energy Cooperative which has set out with 8 members.
- Troya Renewable Energy Cooperative has taken the decision to use solar energy and has intensified its work on this area, which can be less costly compared to wind energy and can be encouraged by local people, even easier.



TROYA RENEWABLE ENERGY COOPERATIVE

2010	<ul style="list-style-type: none">• Climate Change And Agriculture-Related Project
2011	<ul style="list-style-type: none">• Climate Change And Social Assistance Workshop
2012	<ul style="list-style-type: none">• Food Safety Project "<i>Foodprint.Eu</i>"• Climate Change And Agricultural Projects "<i>Climate Need Farm</i>"• Adult Population And Quality Of Life Project "<i>Start 50+</i>"
2013	<ul style="list-style-type: none">• Farmer Exchange Project "<i>Ecosynergy</i>"
2014	<ul style="list-style-type: none">• Workshop Of How To Use The Renewable Energy• Renewable Energy Cooperatives Union General Assembly• Solar PV Usage In The Roof Of The Association Building
2015	<ul style="list-style-type: none">• Workshop Of The Renewable Energy Cooperatives
2016	<ul style="list-style-type: none">• Energy Production Locally, Energy Cooperatives Conference• Project 2016 Project To The Sun
2017	<ul style="list-style-type: none">• EIA Directive Stakeholders Project• Kazdağları Environmental Association Network Project• II. Renewable Energy Cooperatives Conference• Troya Renewable Energy Cooperative Establishment

- *Projects of Troya Environmental Association*



TROYA RENEWABLE ENERGY COOPERATIVE

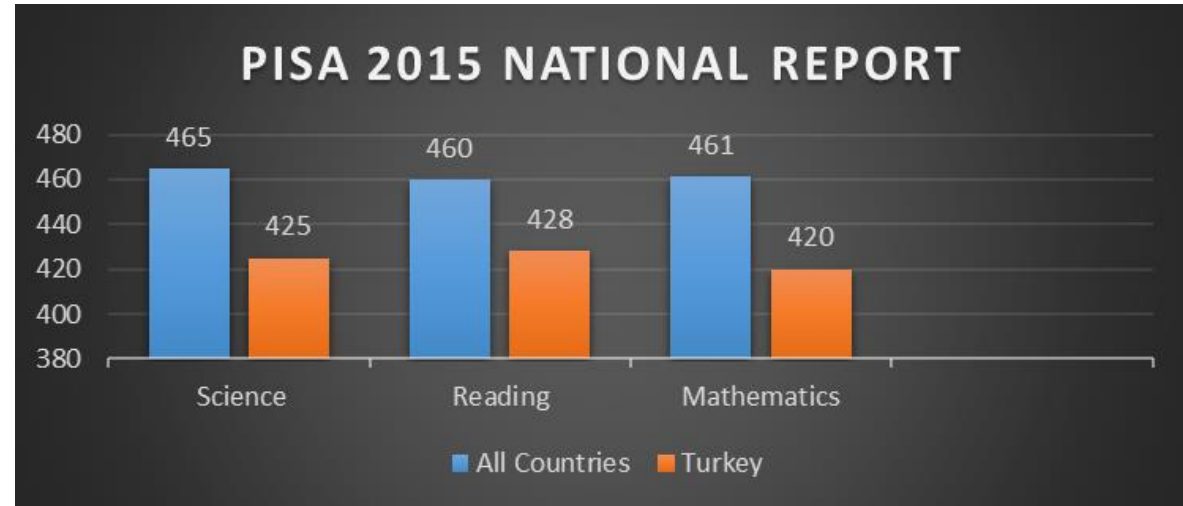


- *3rd International Conference of Renewable Energy Cooperatives*



COOPERATIVES IN EDUCATION SECTOR

- As a result of Programme for International Student Assessment implemented in 2015 within 72 countries participating in the program Turkey has been through 55th.



COOPERATIVES IN EDUCATION SECTOR

- Another thing that led to the questioning of the education system is the announcement of the results of the entrance exams to universities in 2018. According to the Student Selection and Placement Center data, 85.59% of the candidates are in the range of 14 to 60 correct answers in the 120 questions in the first session.

Exam Section ¹	Test	Number of Questions	Total Candidates	The Average
TYT	Literature	40	2.260.273	16,179
	Liberal Arts	20		6,003
	Basic Mathematics	40		5,642
	Science	20		2,828
AYT	Literature	24	1.877.568	4,743
	History-1	10		1,617
	Geography-1	6		2,271
	History-2	11		1,465
	Geography-2	11		2,856
	Philosophy Group	12		2,017
	Religion Culture And Ethics / Additional Philosophy Group	6		2,098
	Mathematics	40		3,923
	Physics	14		0,467
	Chemistry	13		1,109
	Biology	13		1,669
YDT	German	80	2.208	31,453
	Arabic	80	4.786	11,727
	French	80	1.004	29,992
	English	80	101.185	24,824
	Russian	80	410	31,009



COOPERATIVES IN EDUCATION SECTOR

- Although the average training period of 11-12 years in other countries in the world, in Turkey is only 6 years. In developed countries, targets have been set to increase the average duration of education and make a large part of their population graduated from high school or university. and measures are taken to achieve this by those countries.

SCHOOL TYPE		APPLICANTS	NUMBER OF UNIVERSITY STUDENTS			
			BACHELOR DEGREE	%	ASSOCIATE DEGREE	%
HIGHSCHOOL	ANATOLIAN HIGH SCHOOL	396.681	138.601	34,94	36.888	9,30
	HIGH SCHOOL OF SCIENCE	22.619	12.149	53,71	183	0,81
VOCATIONAL HIGH SCHOOLS	VOCATIONAL HIGH SCHOOL OF HEALTH	186.147	6.264	3,37	21.326	11,46
	VOCATIONAL HIGH SCHOOL OF TECHNICAL AND INDUSTRIAL	186.147	6.264	3,37	21.326	11,46
TOTAL		791.594	163.278	20,63	79.723	10,07



ANOTHER SCHOOL IS POSSIBLE

- Another School Is Possible Association was established in November 2010. It established for helping children who cannot afford to go to school and to fix the lack of professional teachers and also in the education system in Turkey. Thus people started to work under the cooperative to contribute to social development by doing something new.



ANOTHER SCHOOL IS POSSIBLE

- Another School Is Possible in Bodrum, it has started to operate in many provinces and districts
- These provinces are;
 - *Ankara,*
 - *Eskişehir,*
 - *İstanbul,*
 - *İzmir,*
 - *Kas,*
 - *Ayvalık*
 - *Canakkale.*
- Founded in Çanakkale in 2017, the Another School Is Possible Training Cooperative is a very new cooperative and started its activity in the academic year of 2017-2018 with the name of *Bilge Leylek Primary School*.



ANOTHER SCHOOL IS POSSIBLE

- Another School Is Possible Training Cooperative has provided the life of the project "*Social Cooperatives Training and Promotion Train*" which will be realized with the participation of national and international cooperatives in order to enable the concept of "social cooperatives" to enter the literature and to raise awareness of the people with the cooperative members by working in cooperation with the General Directorate of Cooperatives.



Thank You For Your Attention

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