



TURKEY **GEOHERMAL** RISK SHARING MECHANISM



THE WORLD BANK
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Kalkınma
Türkiye Kalkınma Bankası A.Ş.



Development Bank of Turkey

Ruken ÖZTEKİN
RSM Coordinator



TURKEY **GEO THERMAL** RISK SHARING MECHANISM



Institutional Information

1975



Established as the State Industry and Laborer Investment Bank (DESIYAB)

1988

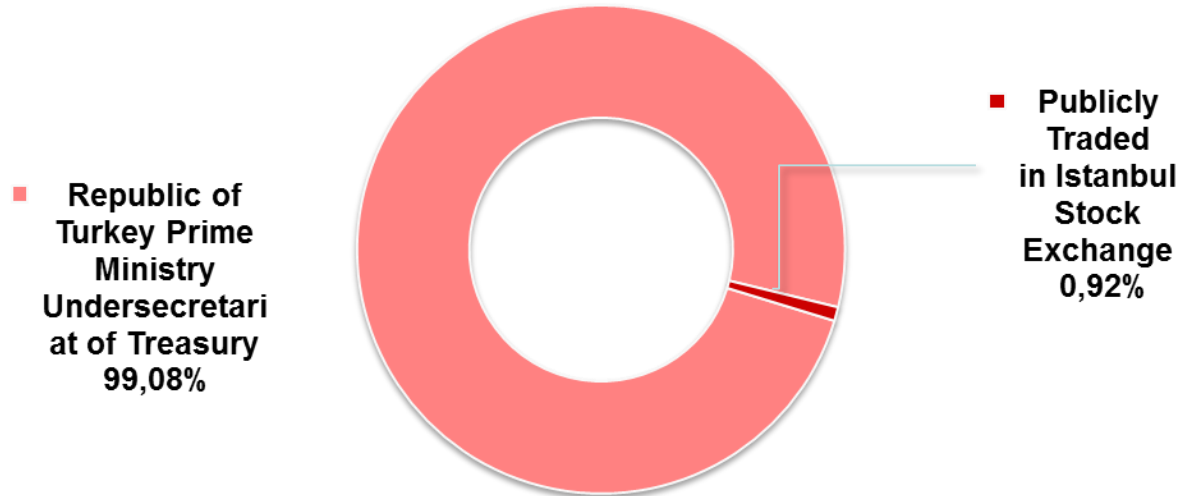


Transition from DESİYAB to Development Bank of Turkey

1989



Merged with Tourism Bank of Turkey





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INSTITUTIONAL INFORMATION

Kalkınma is a development and investment bank

- Subject to provisions of private law
- Main shareholder; the Treasury
- Headquartered in Ankara
- One Branch in İstanbul (11 employee)

Mission;

**to increase employment, income
and welfare in order to achieve
sustainable development
priorities of Turkey**



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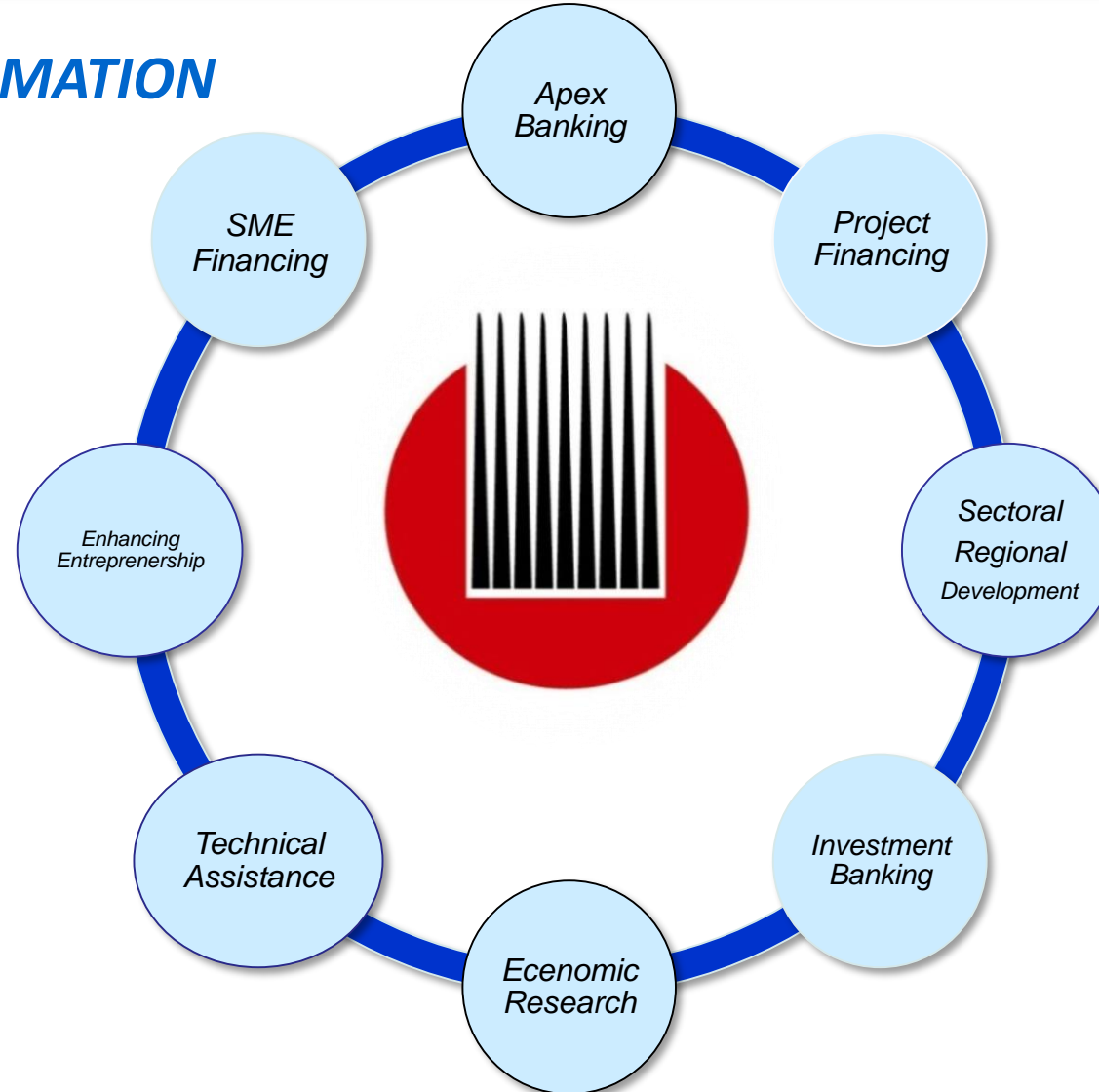
INSTITUTIONAL INFORMATION



THE WORLD BANK



KFW





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GEOHERMAL EXPERIENCE

No. 5686 "Law on Geothermal Resources and Mineral Waters"

YEKDEM the support mechanism for electricity manufacturers

With an installed capacity of 1,155 MW in geothermal power generation capacity, Turkey is part of only four countries that have more than 1 GW installed capacity.



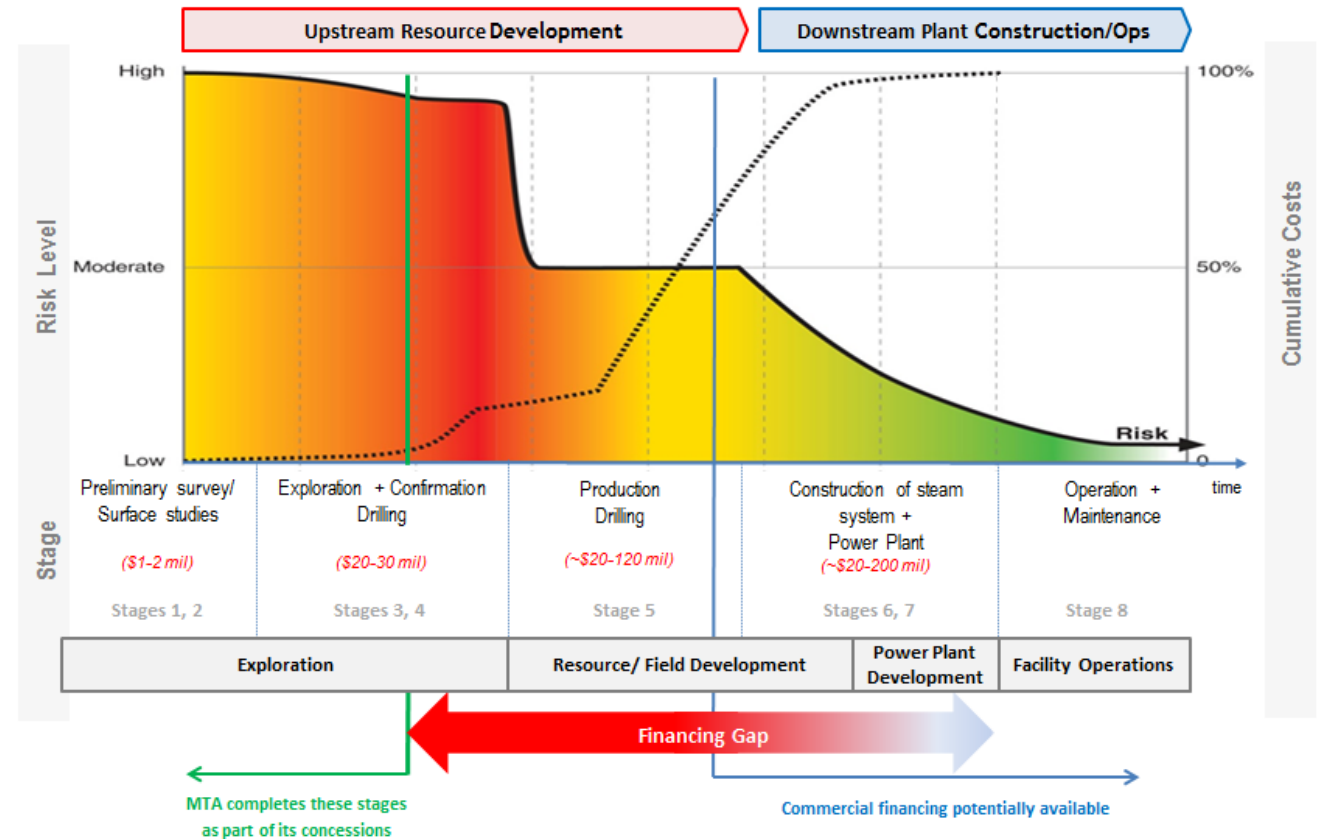


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OBJECTIVE of the PROJECT

The objective of Risk Sharing Mechanism is to share the risk of investments in geothermal drilling in the first stage of exploration and verification with the support of the World Bank and the Clean Technology Fund. This project has two components.



Risk and Bankability Profile of a Geothermal Power Project

Source: Modified from the Energy Sector Management Assistance Program (ESMAP), 2012, *Geothermal Handbook*, Technical Report 002/12, Washington.



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The Project may extend to second and third rounds depending on the market response, number of exploration projects and RSM funds committed.

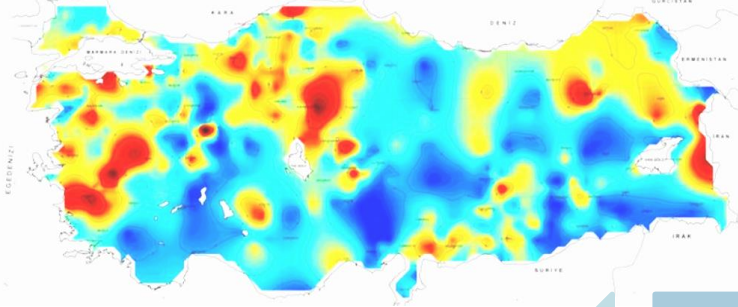
Aydın: Çine, Bozdoğan, Karacasu

Denizli: Çivril, Kale, Beyağaç, Tavas, Çaneli, Acıpayam, Bekilli, Çardak

Manisa: Kula, Soma, Demirci, Köprübaşı



TURKEY **GEO THERMAL** RISK SHARING MECHANISM



**38,0
Mio USD**

**18 months
exploration
licence or
operation
private sector
investments**

**Three Well
program up to
Maximum
5 wells**

**Success fee
for first,
second and
third wells
%10
for fourth and
fifth wells
%25)**

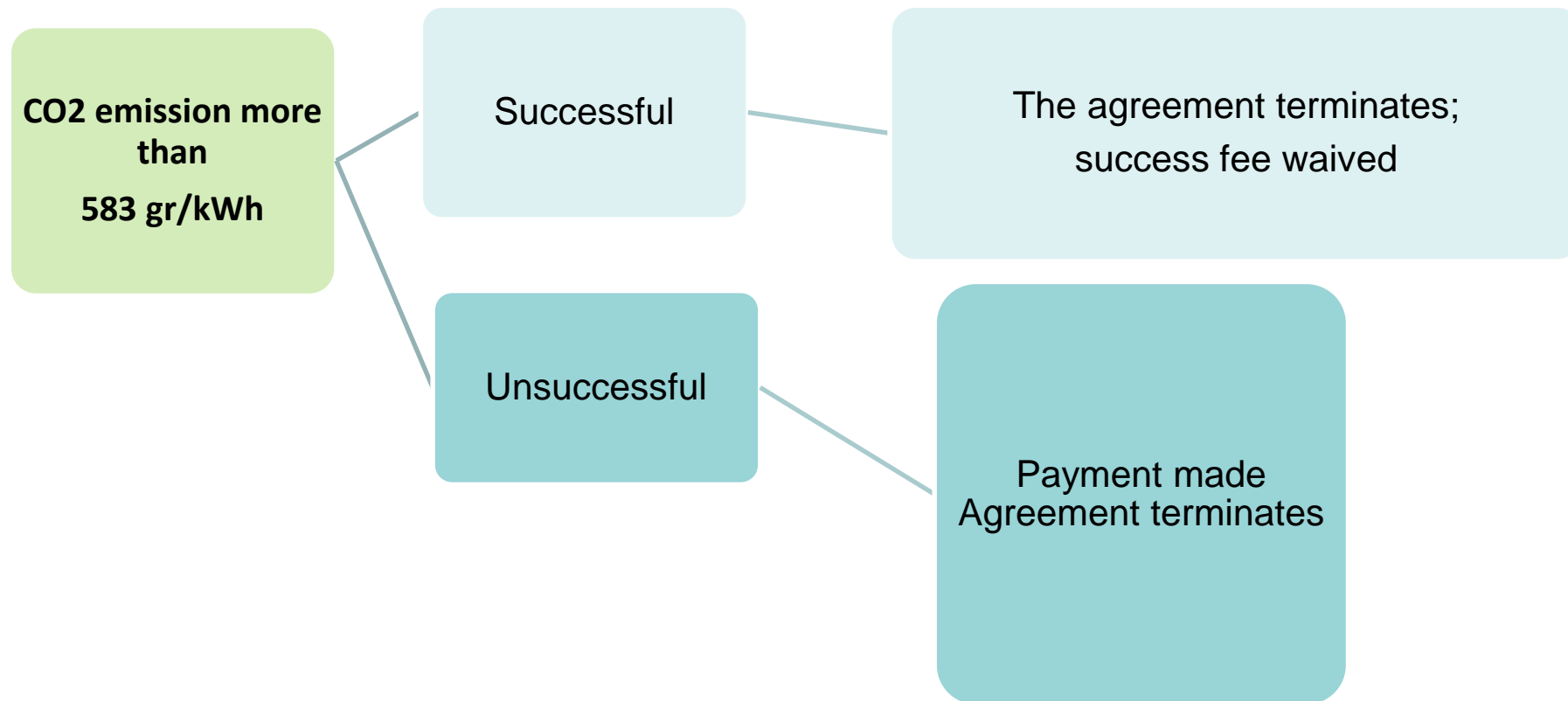
**Maximum
4.000.000 USD
each investor
5 years period
(60 months)**



TURKEY **GEO THERMAL** RISK SHARING MECHANISM



RISK SHARING MECHANISM – Mitigation of the GHG Emissions

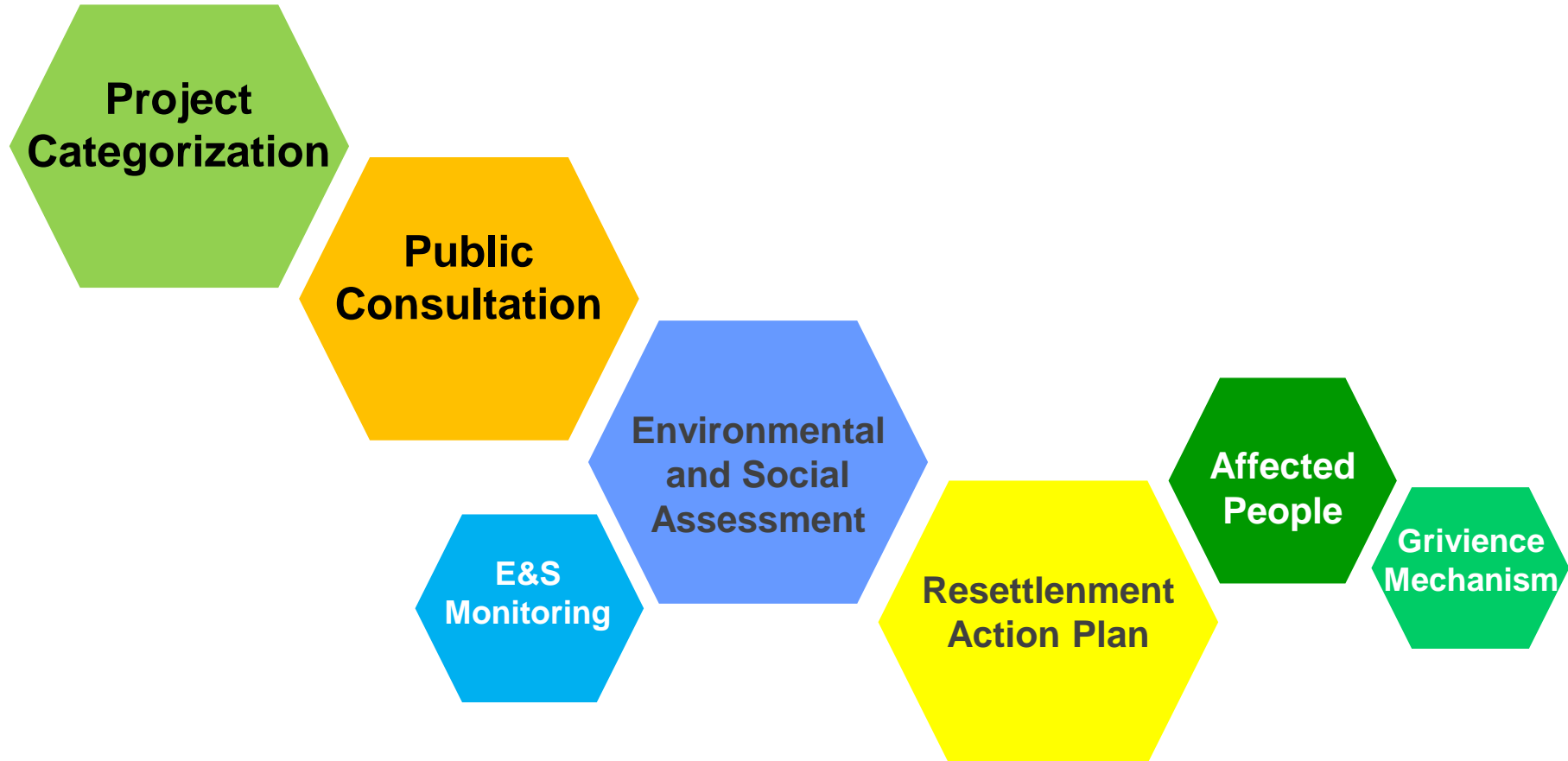




TURKEY **GEOHERMAL** RISK SHARING MECHANISM



Environmental and Social Issues





TURKEY **GEO THERMAL** RISK SHARING MECHANISM



CONTACT

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