



ELECTRA ENERGY.

# Energy Communities in Greece

*Turkey, 7 December*

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REScoop.EU



cooperative  
enterprises  
build a  
better world

coop



Research

Advocacy

Project  
Development

Capacity  
building



**Climate neutral  
economy by 2050**

**GHG emission reduction  
by 42%, compared to 1990**

**60% RES in  
electricity  
Generation mix**

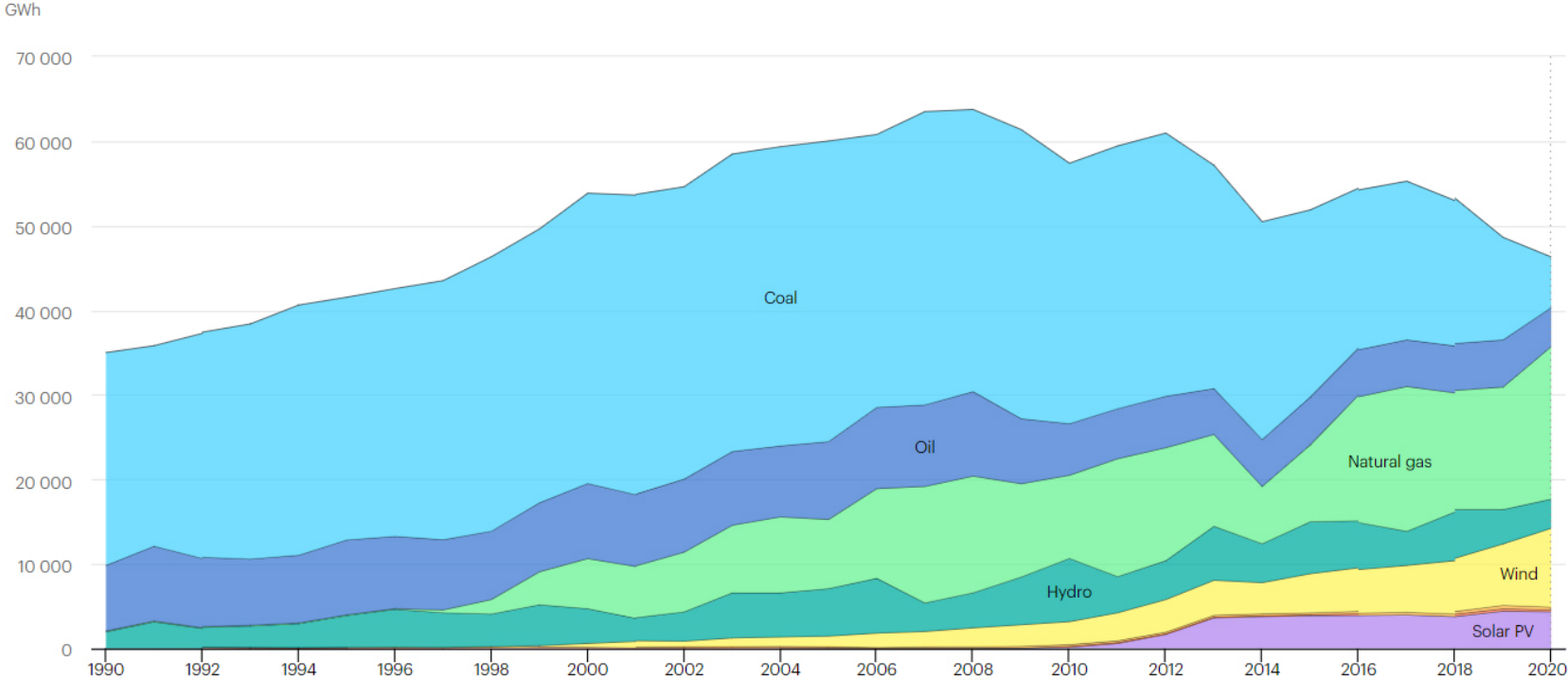
**35% RES in the  
energy mix by 2030**

**Energy efficiency, electric mobility, island  
interconnection, electricity network digitization, storage**



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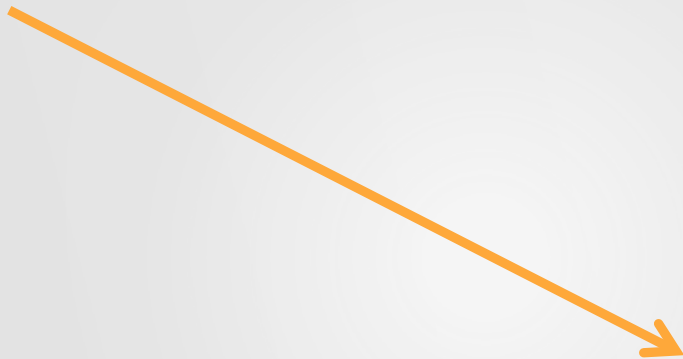
Electricity generation by source, Greece 1990-2020



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# Directive RED II

(2018 / Clean energy package)



## Law 4513/2018

(Energy communities)



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**It is a cooperative**

**Renewable Energy  
Sources**

**Minimum 5 (or 15)  
members**

**Local level**

**Citizens,  
Local SMEs,  
Municipalities**



## Activities

Sell energy

Energy saving

Distribution

Energy supply

Energy Storage

Capacity building / education / consulting

Electric mobility

Self-consumption

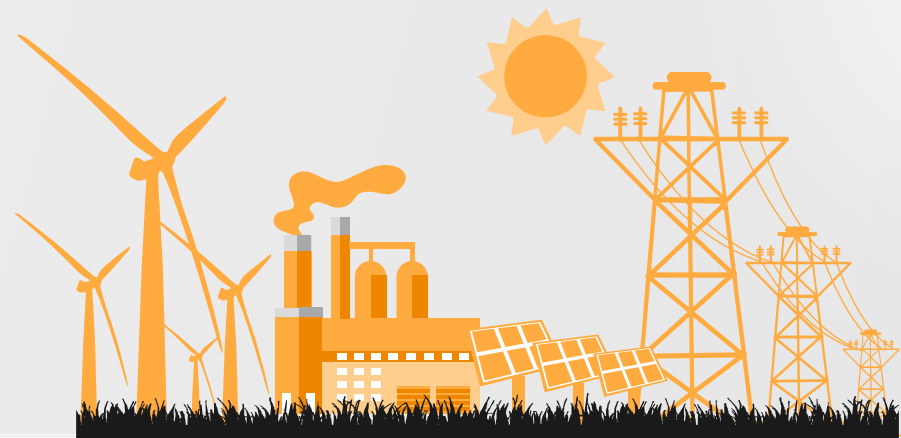


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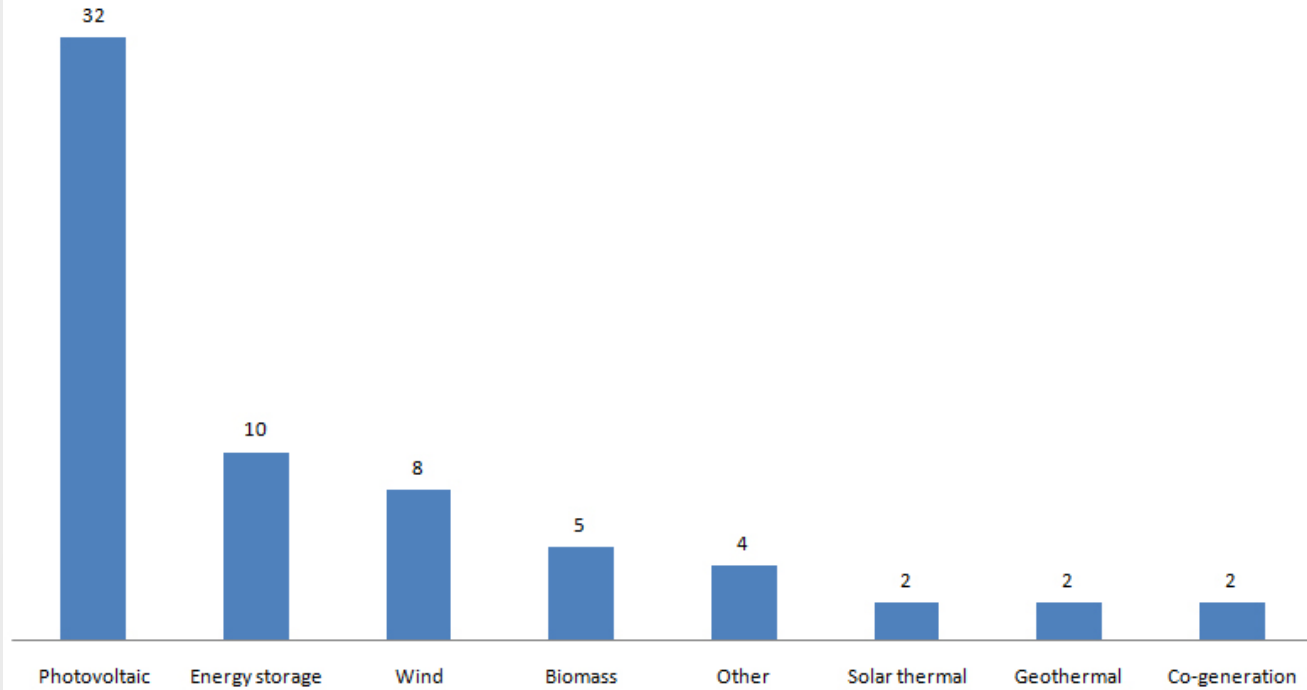
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over **900** registered  
in **3** years





## Technologies



## Challenges (level I)



Financing

Access to land

Access to the electricity grid

Scepticism (the cooperative model)



# Challenges (level II)

- Private investors taking advantage of the incentives / hijacking the model
- Lack of representative bodies (networking, training, advocacy, research, monitoring and many more...)
- Lack of Education / Training / Capacity building
- The current energy system is not designed by having community energy in mind...







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# Let's work together !

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