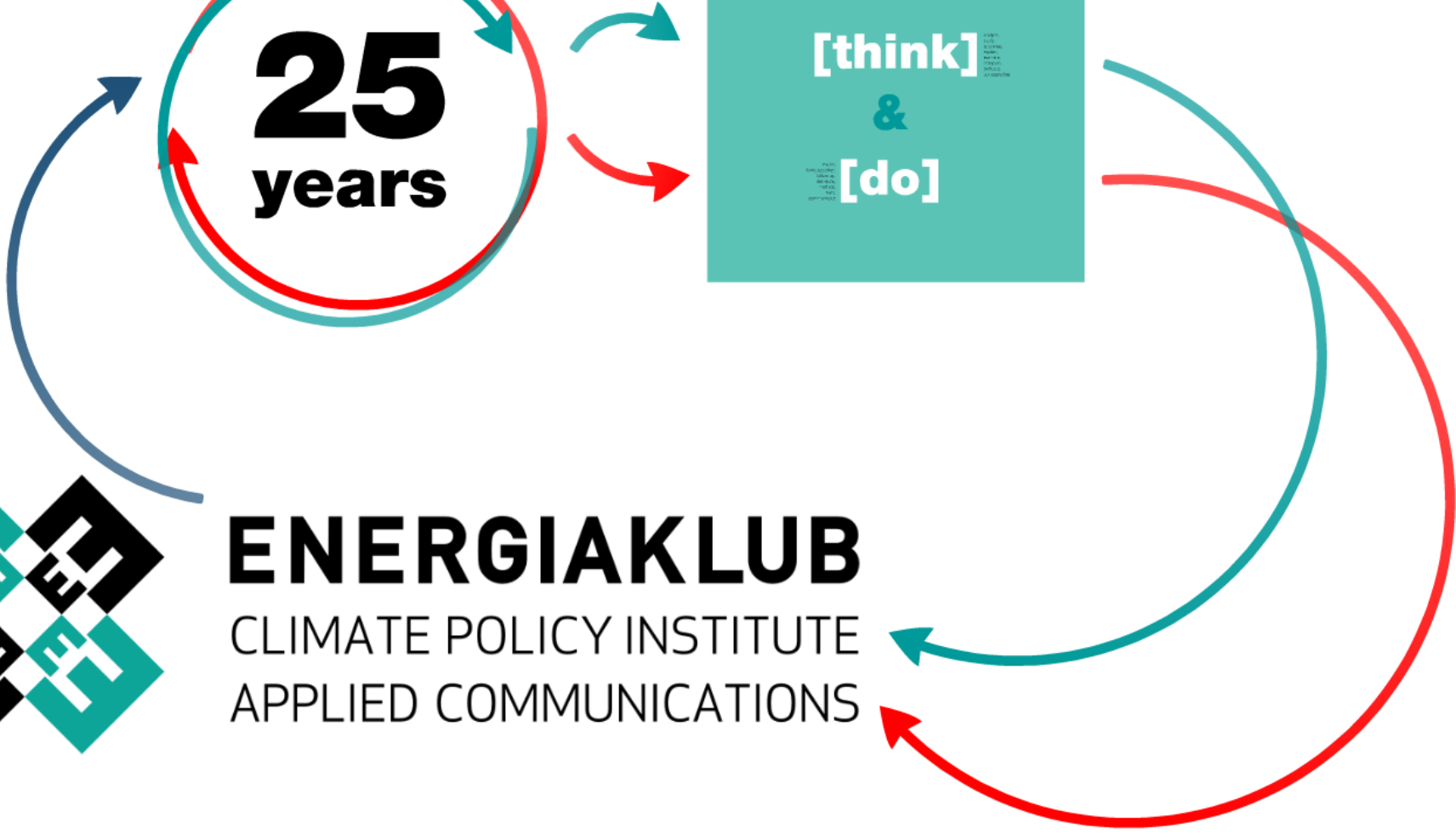


**THE PROBLEM**  
**IS PAKS II**  
**ITSELF**

Ada Ámon  
Energiaklub, Budapest  
19 March 2015  
Brussels



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analyse,  
study,  
scrutinise,  
explain,  
examine,  
compare,  
evaluate,  
conceptualise

realise,  
bring together,  
follow up,  
distribute,  
mediate,  
train,  
communicate

Ed



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Fields of activities



Energy  
policy



Conventional  
energy sources



Energy  
efficiency



Renewable  
energies



Climate protection  
and adaptation



# What is Paks II?

This is what we know

Total investment: 12.5 billion EUR → 20%



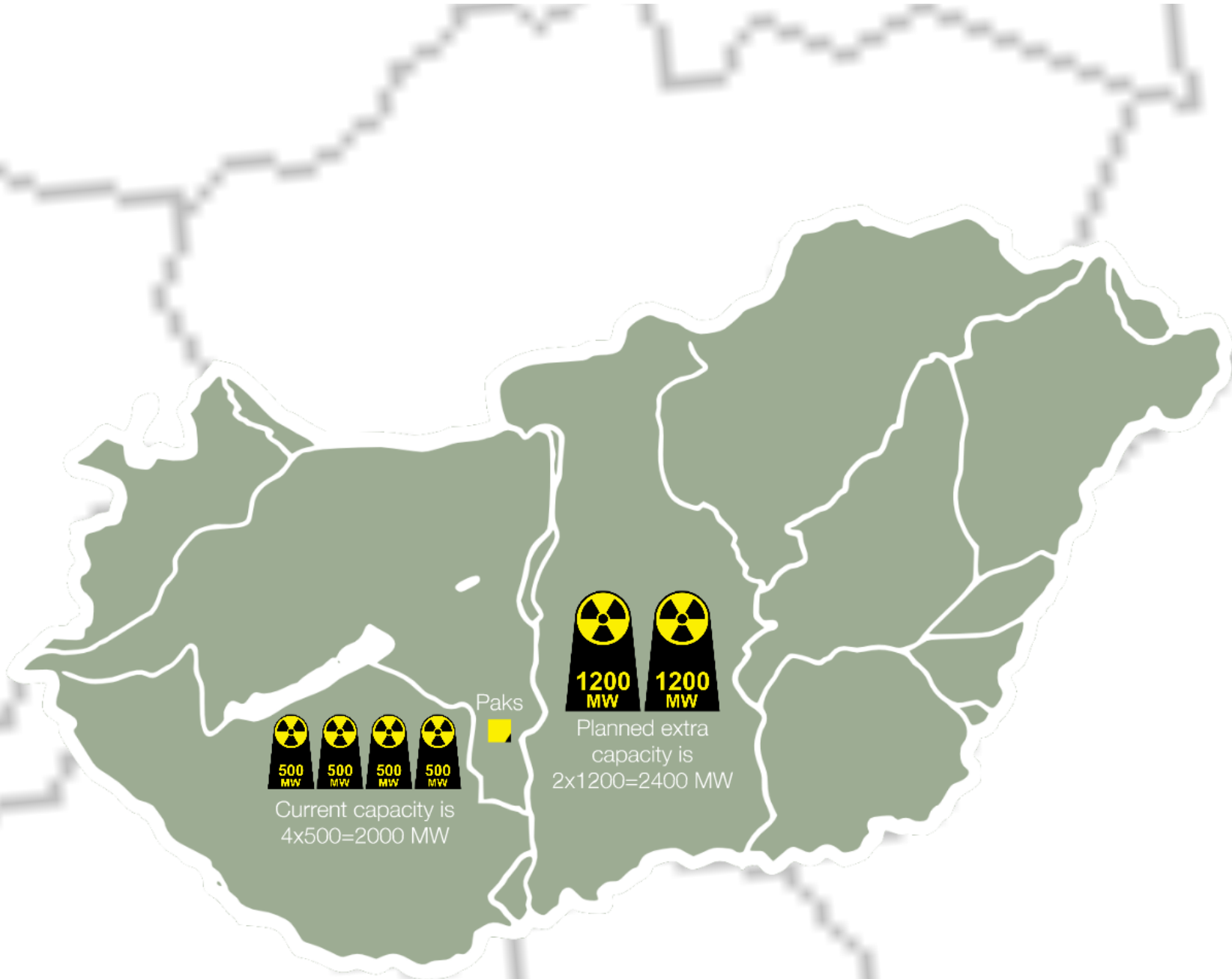
of the annual state budget



10.0 billion EUR Russian loan

2.5 billion EUR own funding

Repayment of loan starts in 2026



Current capacity is  
 $4 \times 500 = 2000$  MW

Paks



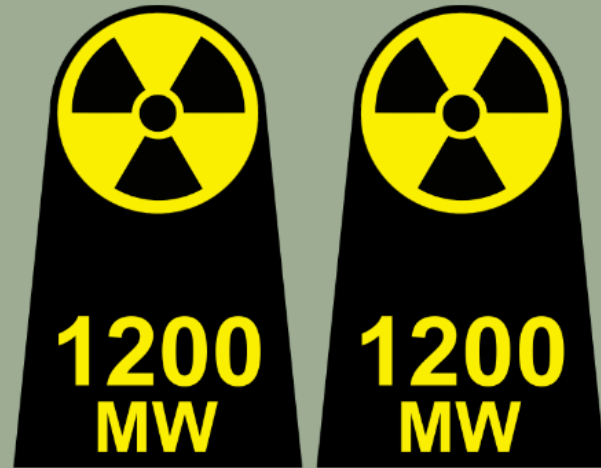
Planned extra  
capacity is  
 $2 \times 1200 = 2400$  MW





Current capacity is  
 $4 \times 500 = 2000$  MW

Paks



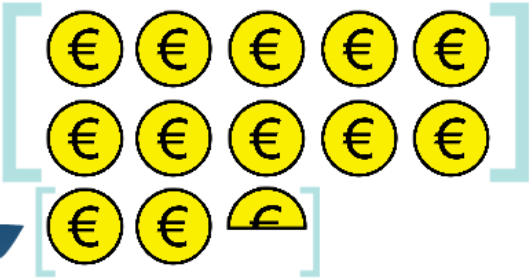
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# What is Paks II?

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Total investment: 12.5 billion EUR → 20%

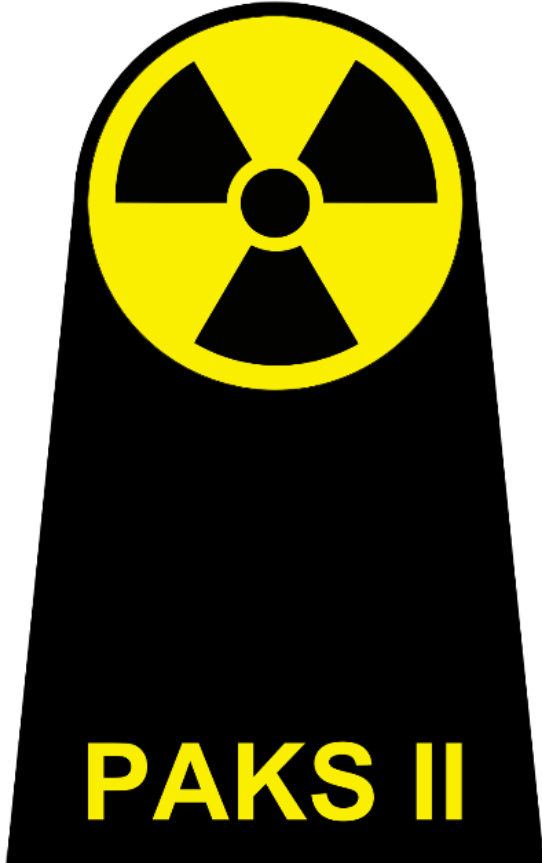
of the annual state budget

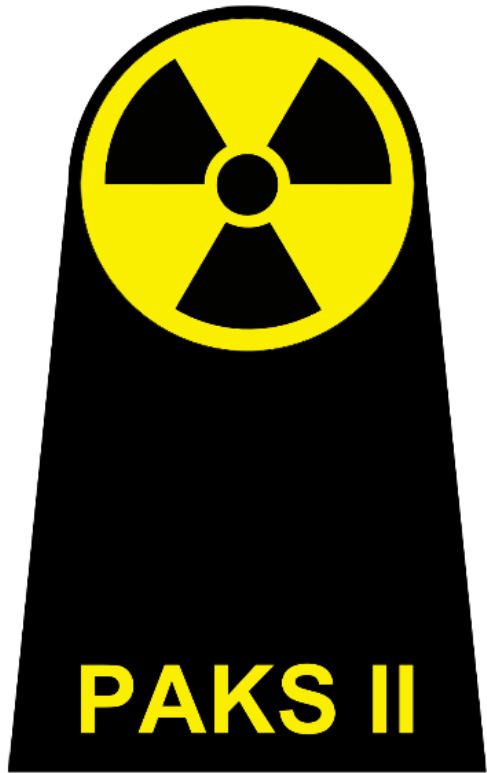


10.0 billion EUR Russian loan

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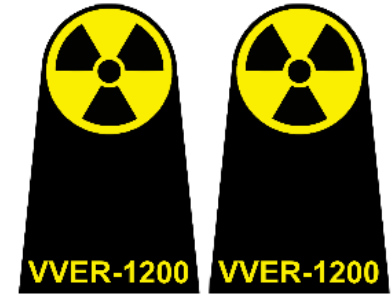
Repayment of loan starts in 2026



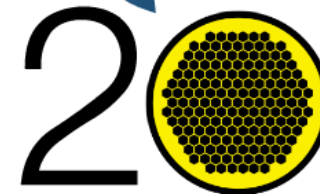


# What is Paks II?

2 VVER-1200  
type reactors



20 years  
of fuel supply



Spent fuel  
to Russia

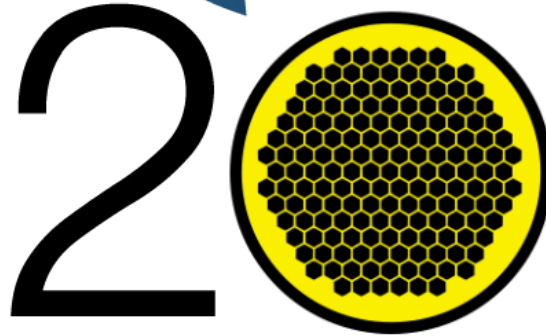


type reactors

VVER-1200

VVER-1200

20 years  
of fuel supply

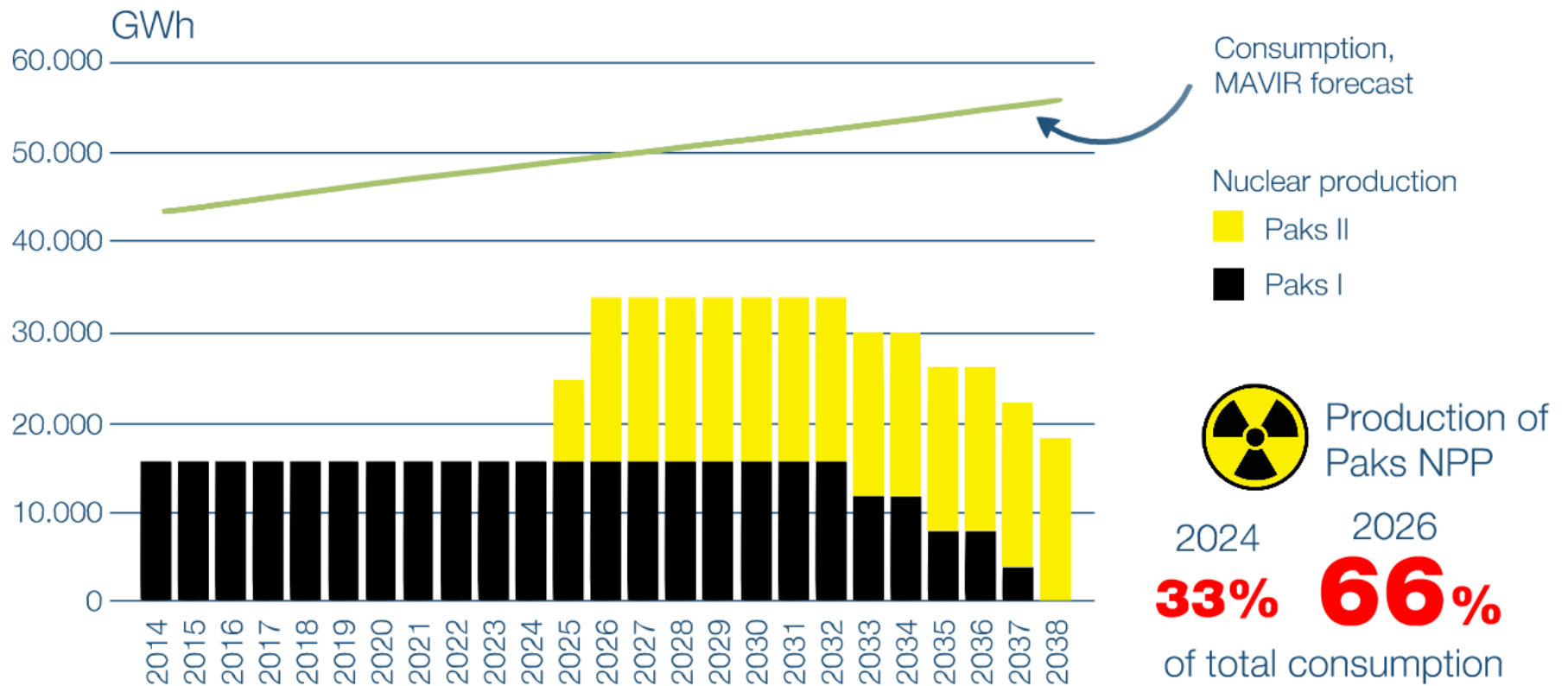


Spent fuel  
to Russia



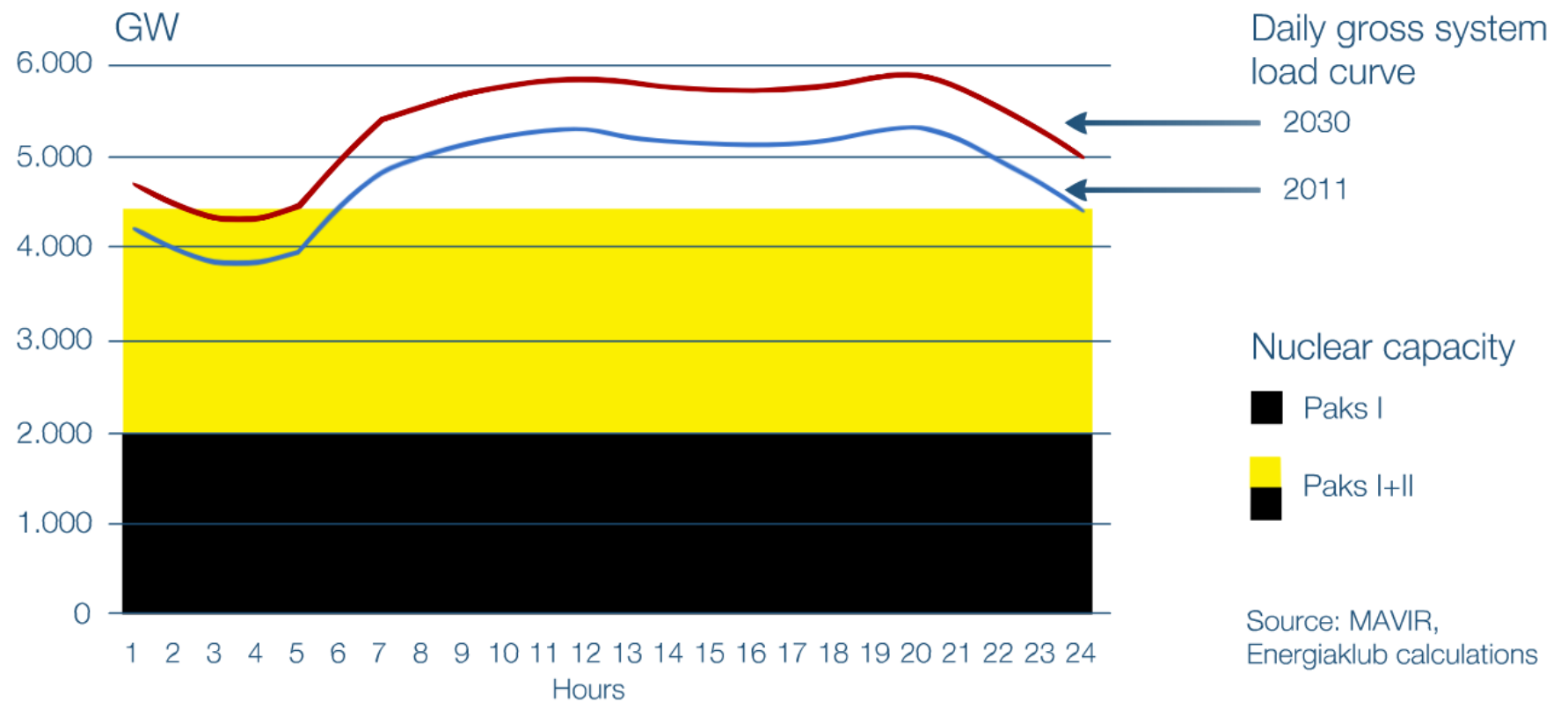
# Production and consumption

Production forecast of Paks NPP and electricity consumption of Hungary



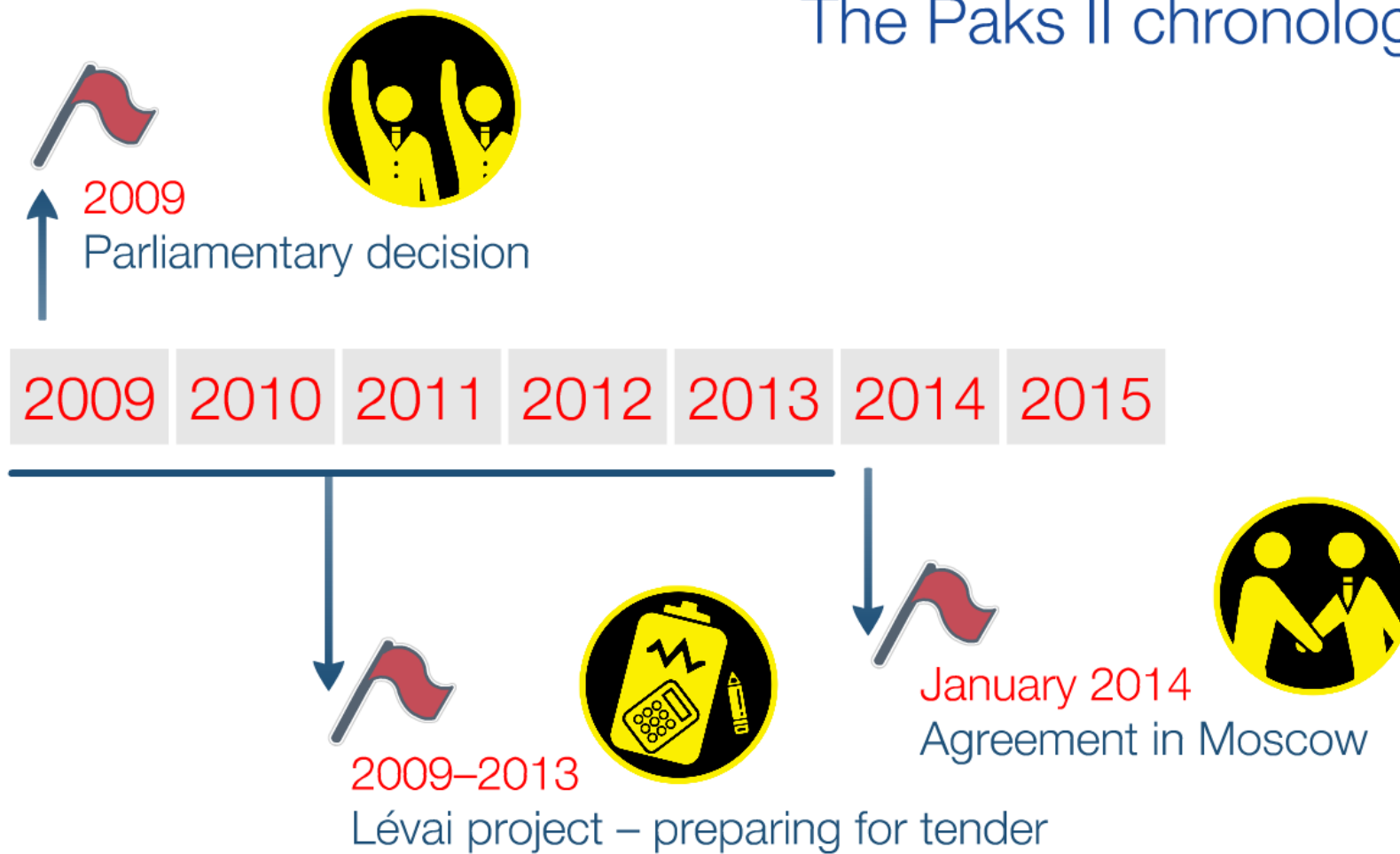
# System load and capacity

Daily gross system load curve (annual average) and nuclear capacity

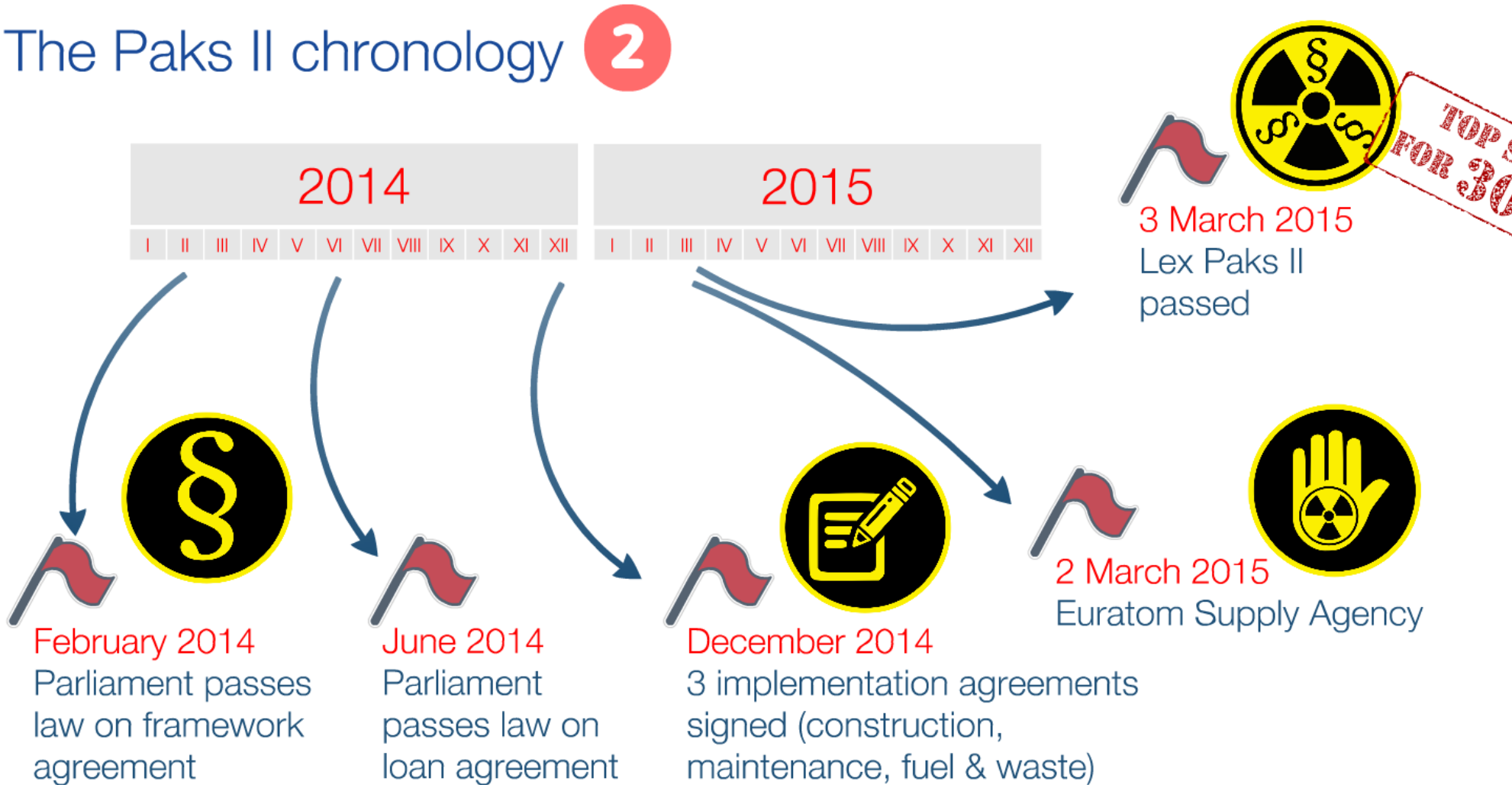


# The Paks II chronology

1



# The Paks II chronology 2







TOP SECRET  
FOR 30 YEARS

3 March 2015

Lex Paks II  
passed



# Problems with the decision

- 1
- 2
- 3
- 4
- 5

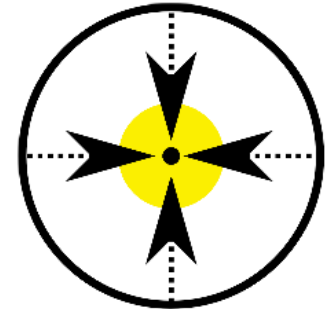
Lack of preliminary investigations, impact assessments



Lack of public consultations



Centralization of the decision and the energy system



Lack of transparency



Lack of alternative scenarios



# Problems from EU aspects

- Distortions of the market

- 1
- 2
- 3
- 4

Lack of tender



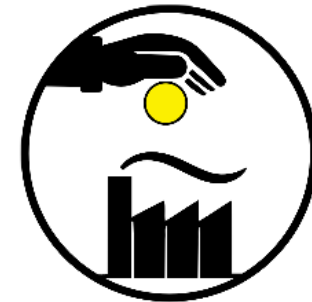
Risks of corruption



Obstacles to renewables



Illegal state aid





2 complaints  
by Energiaklub





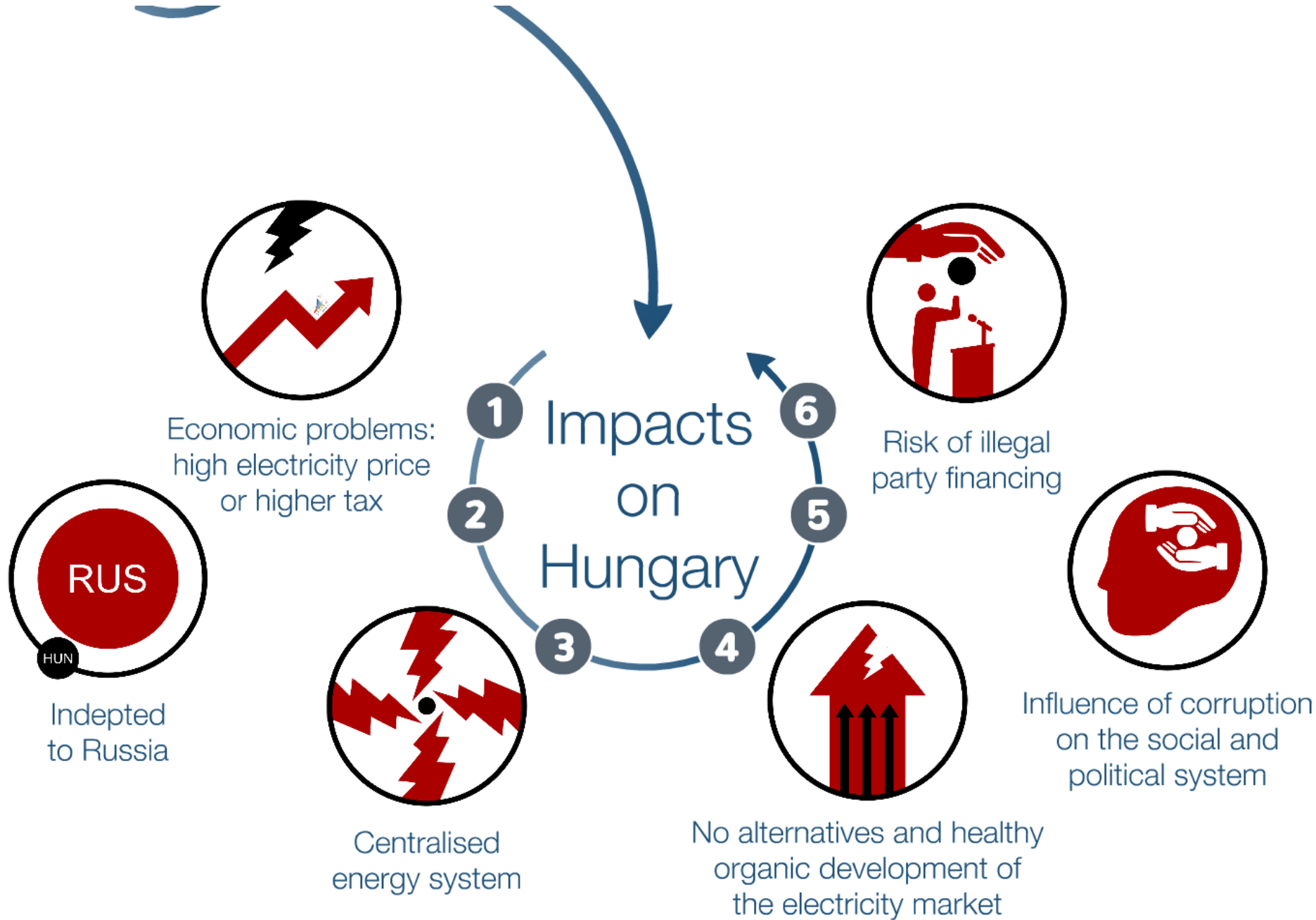
2 complaints  
by Energiaklub



Aarhus Convention Compliance Committee  
– on access to information and the  
decision making process



DG Competition  
– illegal state aid



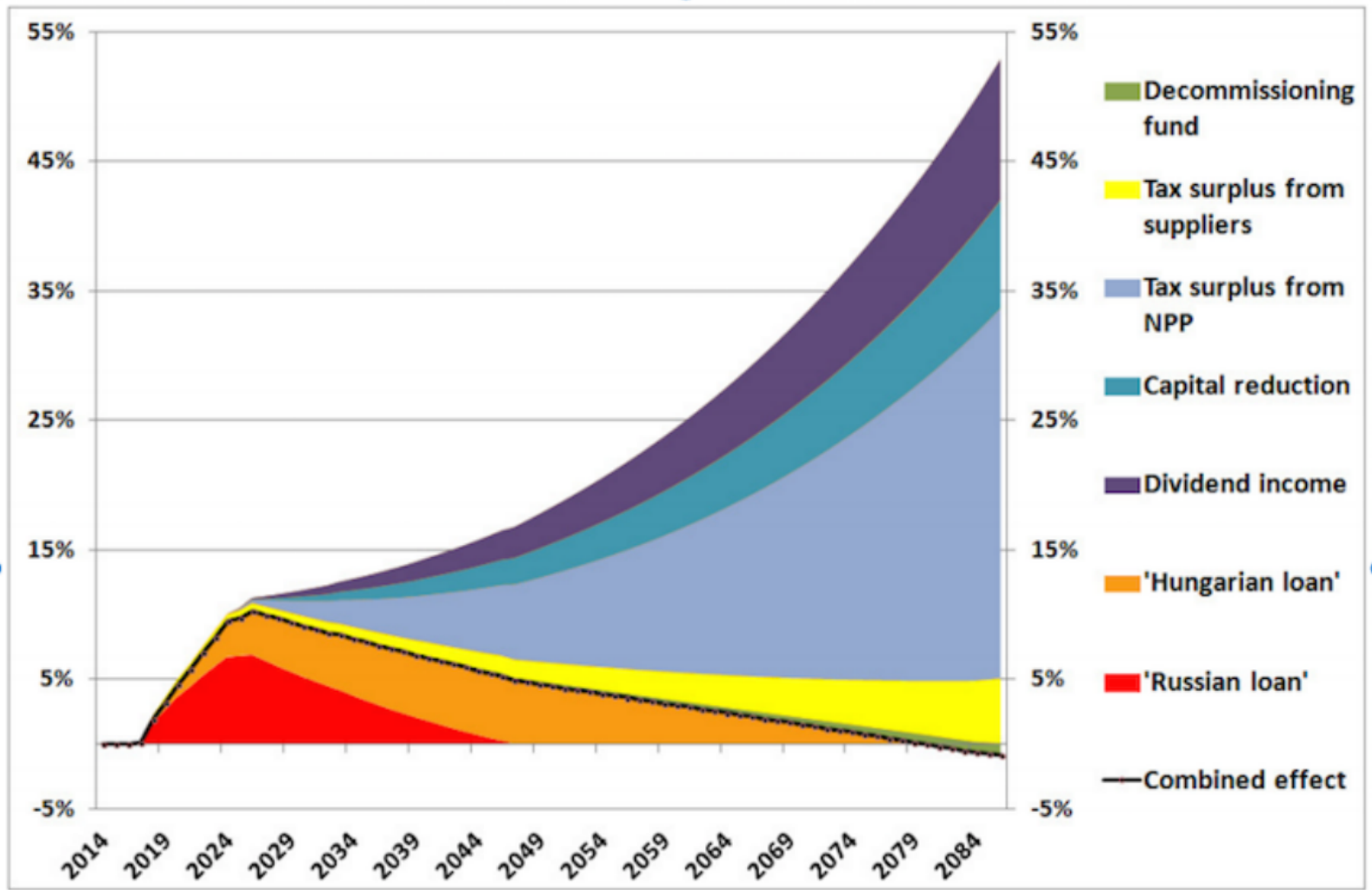
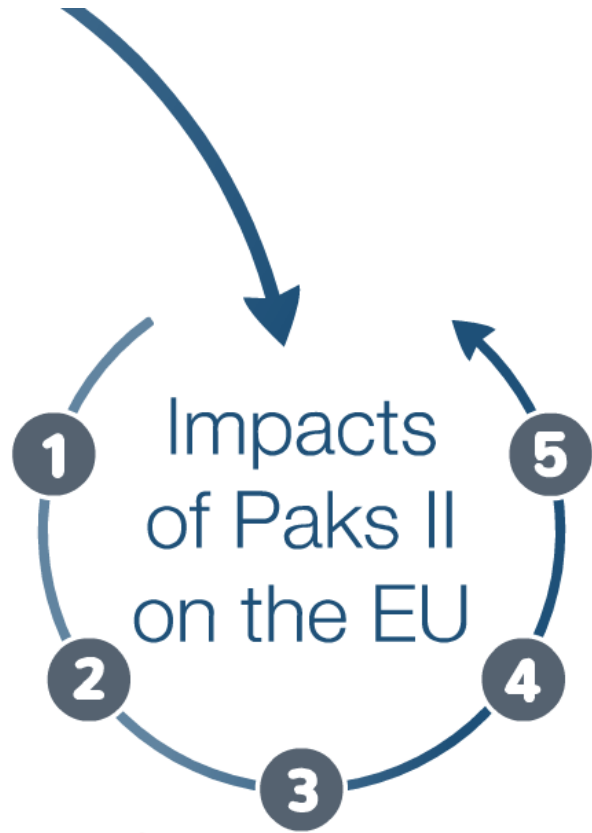


Figure 11: Total effect of the project on public debt as a percentage of GDP



Disregarding of EU rules



Energy security – dependence on Russia



Political risks



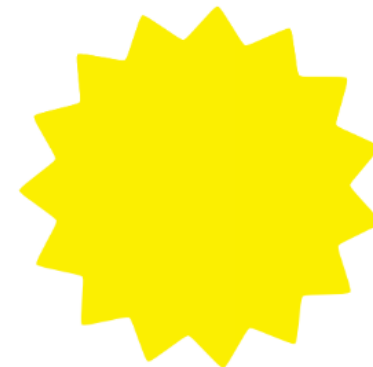
Corruption risk



Distortion of market



I believe that this NPP  
will never be built,  
since it does not serve  
the interest of Hungary  
and Europe.

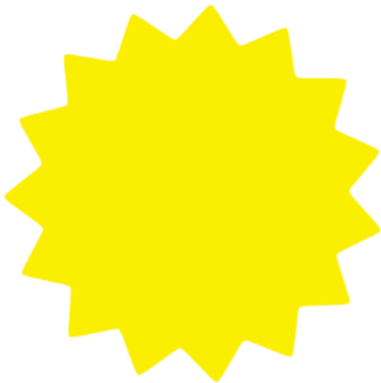


[pakskontroll.hu/en](http://pakskontroll.hu/en)



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