

Chinese funded power plants in CEE

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Introduction

Chinese interest in funding power plants around Europe - mainly Balkans

China Development Bank and other Chinese banks provide funding, Chinese companies sometimes build them

Problem regarding the plants meeting EU standards

Poland's first nuclear power plant built by the Chinese?

Why is China so interested in funding these projects?

International response



Where these plants will be

Mostly in Bosnia and Herzegovina, but also other Balkan states

Currently developing in Stanari (operating since 2016), Kostolac and Tuzla (currently delayed)

Nuclear power plant in Poland, Romania





Some problems



Economic, environmental and legal weaknesses

Health standards far below the levels of Western Europe

Plants do not comply with EU standards, upgrade would be costly

'Opinions on Further Guiding and Regulating the Directions of Overseas Investments'

EU plans to go carbon free by 2050

Paris Agreement goal problematic with these plants

Chinese plans to build Poland's first nuclear power plant

Company: **China General Nuclear Power Group (CGN)**-

Doubts remain: **Why China ?**

-lower price

-financing package

-first time for China to build up nuclear power plant beyond its own territory

-bound to lead to delays and cost increases

Is it even useful for Poland?





Why Poland?

China+Poland signed Memorandum on nuclear cooperation for civil use.

China's interest in nuclear technology of developed states



Bosnia and Herzegovina

Currently operating- 5 power coal-fired plants

2 more planned plants -final phase of financing planning resolved

All projects **financed or built by Chinese companies and banks**

Greater risks: air pollution leading to increase of death rates, respiratory issues...





'Stranded assets'

Bosnia and Herzegovina-already producing enough energy for its needs

2015 investigation: *“If Balkan countries actually built all the planned centres for electricity production. They calculated that the region would export 56% of the electricity”*

“Country with 3.8 million people does not need that many power plants, especially with the existing hydropower plants and the new coal power plant that just started working in 2016”

Big Risk:

- Bosnia and Herzegovina does not take into account the future costs of CO2 emissions
- If is the electrical energy not cheap enough, nobody will buy it

Nuclear power in Romania

Romania has two nuclear reactors generating almost 20% of its electricity

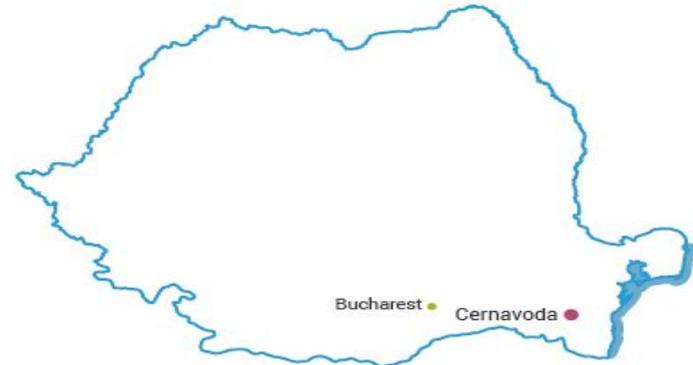
Romania is first commercial nuclear power reactor began operating in 1996. Its second started up in May 2007.

China General Nuclear Power has agreed to complete two more units

Romanian government support for nuclear energy is strong



Nuclear Power Plant in Romania



Source: World Nuclear Association

International Responses and future Outlook

- Critics from Environmentalists and EU regarding pollution issue
- Concerns about Chinese interfering with EU strategy for the reason
- Trojan Horses
- Future will bring increased cooperation and investment, probably more cautious EU
- Investment needed by many CEE countries



Thank you for your attention!

Any questions?



Sources

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