Nuclear pathway to the decarbonized sustainable future

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World Nuclear Spotlight Poland
Warsaw
20 November 2018
Nuclear gives green light to the countries’ economic boost and social development

ECONOMIC DEVELOPMENT AND HIGHER LIVING STANDARDS

- LOCAL SUPPLIERS REVENUES
- JOBS CREATION
- COSTS OPTIMIZATION
- ENERGY ACCESS
- R&D DEVELOPMENT
- ENVIRONMENTAL PROTECTION

economic GROWTH

higher LIVING STANDARDS
Nuclear Is...
Benefits for Local Economies

THE CONSTRUCTION OF THE NPP WILL RESULT IN COMPREHENSIVE SPILLOVER EFFECTS FOR THE NATIONAL DEVELOPMENT

PUBLIC INCOME

- New taxes from local and foreign suppliers, from electricity sales
- Increasing the region’s investment attractiveness

ENERGY SECTOR

- Stable power supply for local industry and household needs
- Reducing electricity prices in the region

EMPLOYMENT

- Up to 10 000 employed for the development of nuclear infrastructure
- Up to 3 000 new jobs created to operate NPP

NATIONAL DEVELOPMENT

- Developing local higher education and upgrading local labour force skills;
- Facilitating high-tech industries development

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Nuclear Is…
Multiplier Effect on National Economy

USD 1 invested
Construction
20-30% localization
USD 1.9 local industry income
USD 4.3 GDP growth
USD 1.4 extra taxes inflow

2 VVER-1200
Operation

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Nuclear is key element of decarbonizing electricity

**COAL**
- **CO₂ kg per MW*h**: 820

**DIESEL**
- **CO₂ kg per MW*h**: 792

**GAS CC**
- **CO₂ kg per MW*h**: 490

**SOLAR PV - UTILITY**
- **CO₂ kg per MW*h**: 48

**WIND ONSHORE**
- **CO₂ kg per MW*h**: 11

**NUCLEAR**
- **CO₂ kg per MW*h**: 12
- **of indirect emissions during the whole fuel cycle from mining till waste treatment**: 0

*Studies including IPCC*

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Nuclear technology opens the way to innovations

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NUCLEAR TECHNOLOGY

- New materials
- Food irradiation
- Nuclear medicine

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ROSATOM: keeping the pace

14 NPP UNITS were commissioned by Rosatom over the last 12 YEARS

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Opportunities for partnerships and cooperation

STRONG COLLABORATION IS A KEY DRIVER FOR US TO MOVE TOWARDS THE BETTER FUTURE TOGETHER
THANK YOU FOR YOUR ATTENTION