

INTERNATIONAL PROJECT ON INNOVATIVE NUCLEAR REACTORS AND FUEL CYCLES (INPRO)

INPRO Dialogue Forum “Drivers and Impediments for Regional Cooperation on the Way to Sustainable Nuclear Energy Systems”: Summary of Input to SYNERGIES/ROADMAPS – Key Indicators

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Areas for additional key indicators could possibly be considered

- Improvement in macro-economic indicators as an expected result of increased installed capacity (KI-1, EP-1.1) - Expected increase in Per-Capita Electricity Consumption, leading to increase in:
 - ✓ Human Development Index
 - ✓ Gross Development Product
 - ✓ Life Expectancy at Birth
- Benefit for technology/industry development
- Benefit for human resource development
- Level of related infrastructure development/ Benefit for national infrastructure
- Sustainable solution for waste (KI-5, EP-5.1, EP-5.2)

Areas for additional key indicators could possibly be considered

- **Minimizing electricity generation cost (KI-9)**
- Benefit for science and technology development
- Energy security
- Energy independence
- Pollution reduction
- Allow for economy of scale
- **Accelerate project implementation (EP-1.1)**
- Enhance negotiation position with technology vendors (Security of supply)
- Nuclear Policy stability (DELAYS AND IMPACTS)
- **Minimize use of primary resources (KI-2, EP-2.1)**

Areas for additional key indicators could possibly be considered

- Increased quality and security of energy supply
- Investment costs (EP-9.1, KI-10)
- Technology transfer

Maybe we need a Master Plan to introduce nuclear technology for power generation in the long term

INPRO ROADMAPS activity is expected to produce such a Master Plan

THANK YOU!

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