



ROSATOM

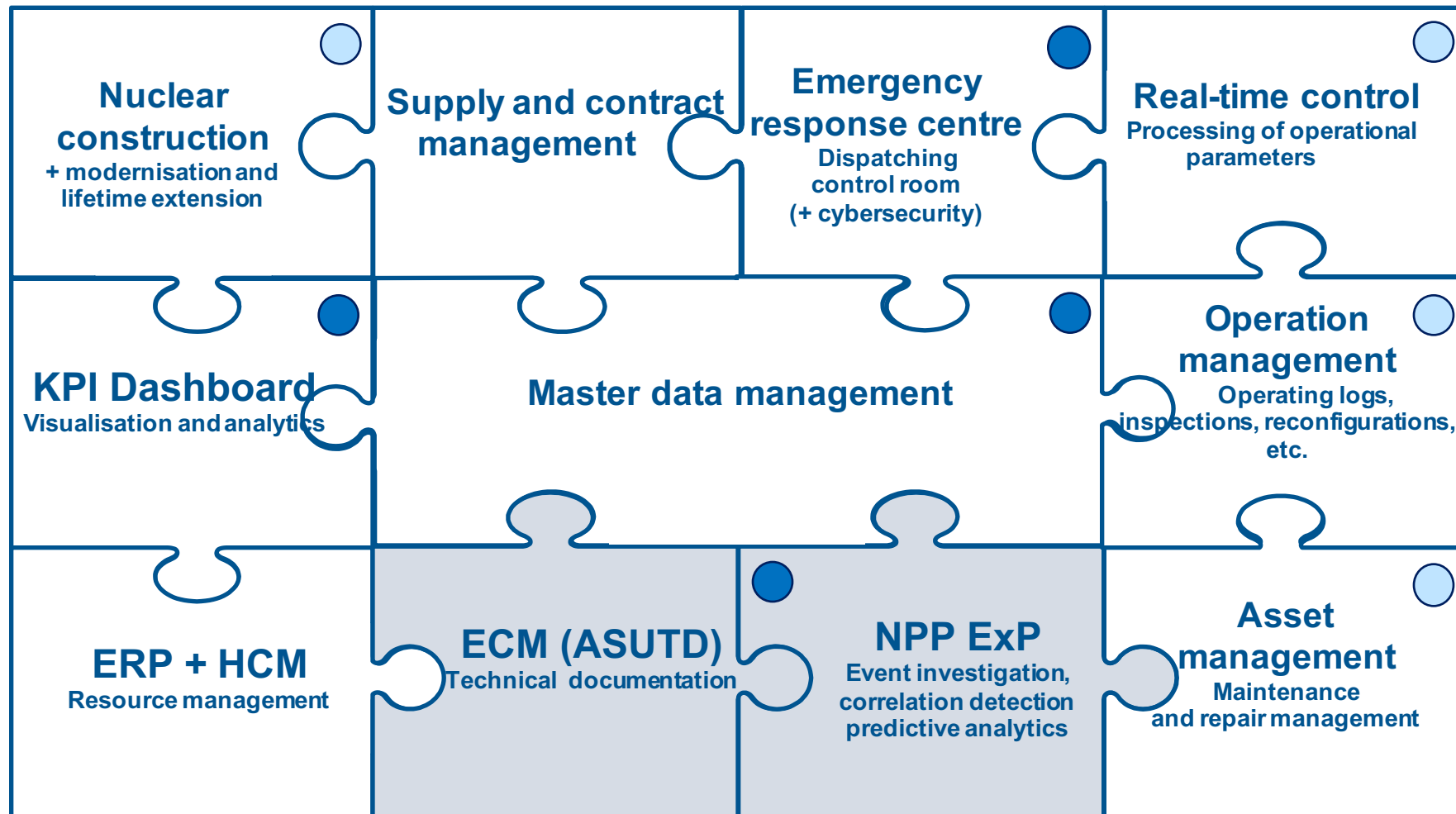
State atomic energy corporation "Rosatom"

Digital Template for NPP Operation

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Digital Template for NPP Operation v.1.0



Currently available:

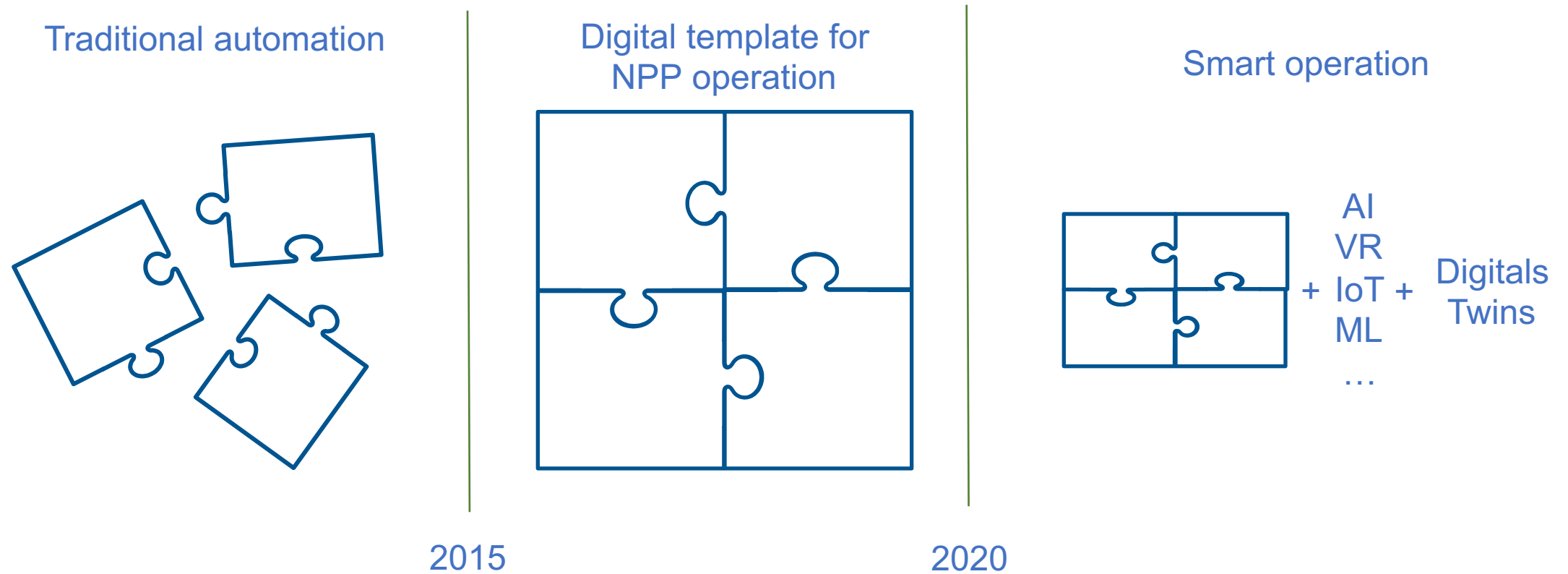
NPP ExP – a database of NPP operating experience and set of tools for investigation and analysis of undesirable events and predictive modelling

ASUTD – a repository of technical documentation for the entire NPP lifecycle

○ 2018
 ● 2019

Creation of the digital template for NPP operation and its replication for all the NPP of the Russian Federation is provided by the approved IT strategy of ROSENERGOATOM CONCERN in 2019

What's next?



While designing the Digital template for NPP operation it is necessary to provide for the possibilities of the further use of the Template for the transition to the technologies of Industry 4.0.

Questions for the discussion:

1. What other functional blocks should be represented in the Template in your opinion?
2. What other IT-technologies will be actively used in NPP operation in the next 10 years?
3. Why does NPP need a digital twin?