



SKAO NREN Update

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SRC Development work

SRC Development Framework to start this year

- technical stakeholder work in April to define objectives for each prototype
- Identification of agile development teams (real, named FTE effort) underway
 - several teams already well-defined
 - other national SRC efforts are still developing (so not yet with people in post)



SRC Prototypes

Initially target development work towards a few distinct streams:

- 1.a Data products replication, distribution, and synchronization across multiple locations (Rucio) (<https://rucio.cern.ch/>)
- 1.b Data products replication, distribution, and synchronization across multiple locations (CADDC) (<https://github.com/opencadc/storage-inventory>)
- 2. Federated Authentication and Authorization (AA) API (e.g Indigo IAM)
- 3. Data processing Notebooks (e.g Jupyterhub, Binderhub, interactive compute on demand)
- 4. Visualization of SKA data with high volume of users and high amount of data (e.g. <https://cartavis.org/>)
- 5. Distribution of software, tools and services



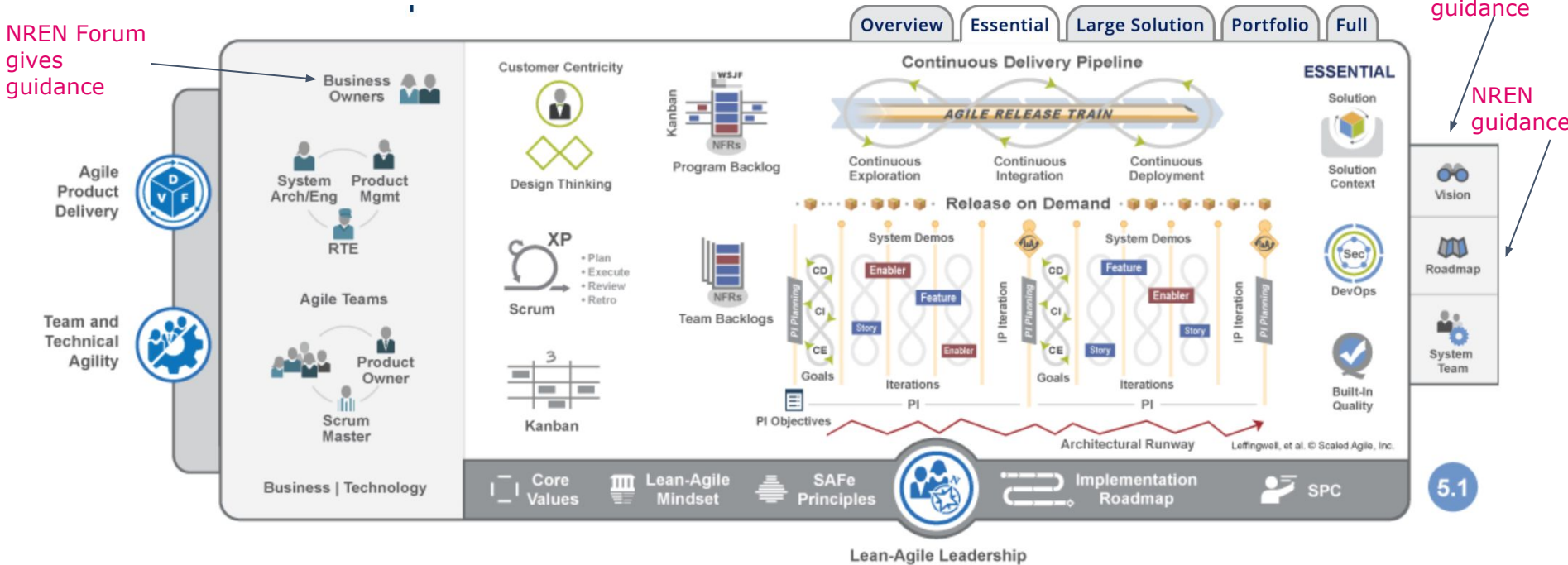
Agile SW dev and the role of stakeholders

Stakeholders: "Those who have the interest and influence to impact your product, program, team, or project"

NREN Forum gives guidance

NREN guidance

NREN guidance

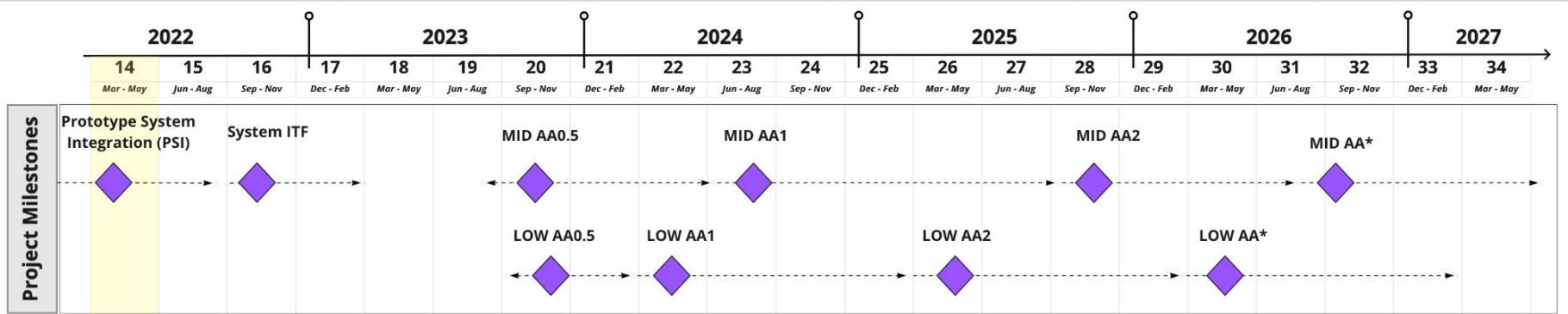


<https://www.scaledagileframework.com/#>



Roadmap examples

SDP Long-term roadmap (PI14 update)



e.g. (Data Processing backlog board)

<https://miro.com/app/board/o9JlK4PUeI=/>

The NREN forum is an expert forum which will provide guidance when roadmaps are developed and review relevant progress

Will not engage with day-to-day dev tasks in NREN Forum capacity (though you might be in an agile SRC dev team)



Discussion

