



Sustainability of Research Infrastructures

Recent lessons learned

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Sustainability of RIs: an ongoing issue

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STRENGTHENING THE EFFECTIVENESS AND SUSTAINABILITY OF INTERNATIONAL RESEARCH INFRASTRUCTURES

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OPTIMISING THE OPERATION AND USE OF NATIONAL RESEARCH INFRASTRUCTURES

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Challenges

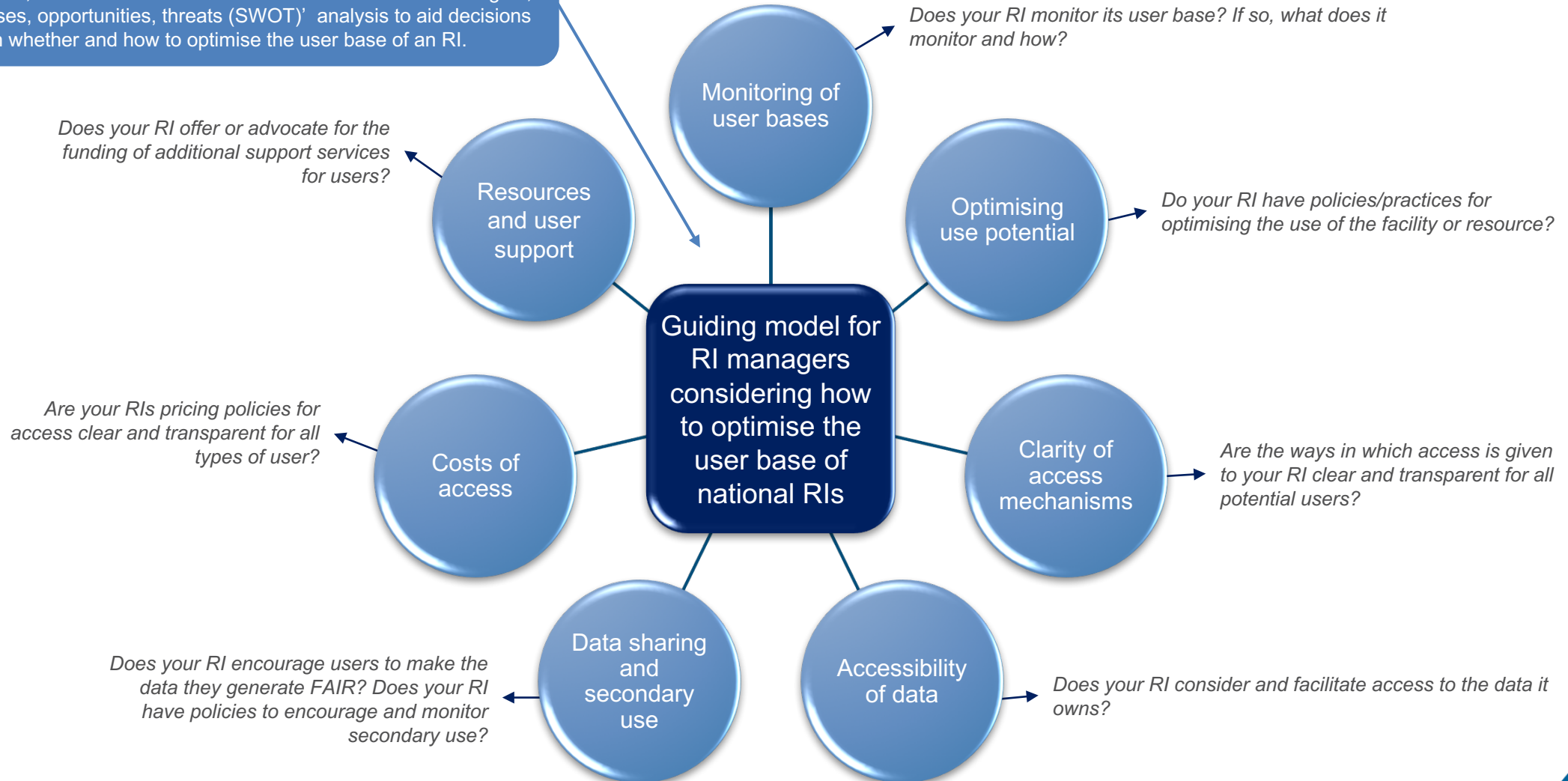
Sustainability understood as *“The capacity for a research infrastructure to remain operative and effective over its planned lifetime”*

- Maintaining a high level of competitiveness
- Managing data throughout the research infrastructure life time
- Setting up and securing funding with long-term commitment based on a solid business case
- Attracting and retaining leading scientists and qualified personnel with necessary skills and expertise
- Responding to more general strategic objectives of host and member countries, particularly for socio-economic returns.



Sustainability is highly dependant on the user base

A thorough knowledge of the current use of an RI, and how users, access units, and resources are distributed should inform a 'strengths, weaknesses, opportunities, threats (SWOT)' analysis to aid decisions on whether and how to optimise the user base of an RI.





COVID-19 lessons

Research Infrastructures mobilisation in response to COVID-19: lessons learned

Virtual workshop hosted by the OECD and Science Europe

11 May 2021, via Zoom, 11:30-15:30 CET (Paris time)

[Http://oe.cd/SCIENCEEUworkshop](http://oe.cd/SCIENCEEUworkshop)



- The crisis has underlined the role of RIs as catalysts in the overall response of the science systems
- RIs played a key role in data sharing, and new funding should be made available to allow for data stewardship, as well as to improve interoperability
- RIs are national assets for crisis; there could be agreements between RIs and governments to reinforce that role (with appropriate support) so that RIs remain in a state of readiness for crisis response