



NORDIC E-INFRASTRUCTURE COLLABORATION

Welcome to NeIC

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2019-01-14
iOBS event
Sweden



Together the Nordic countries are **tackling e-infrastructure challenges** beyond singular national capabilities



Since 2012 as part of  NordForsk


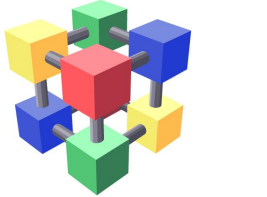





Open NeIC 2020-2025 strategy process

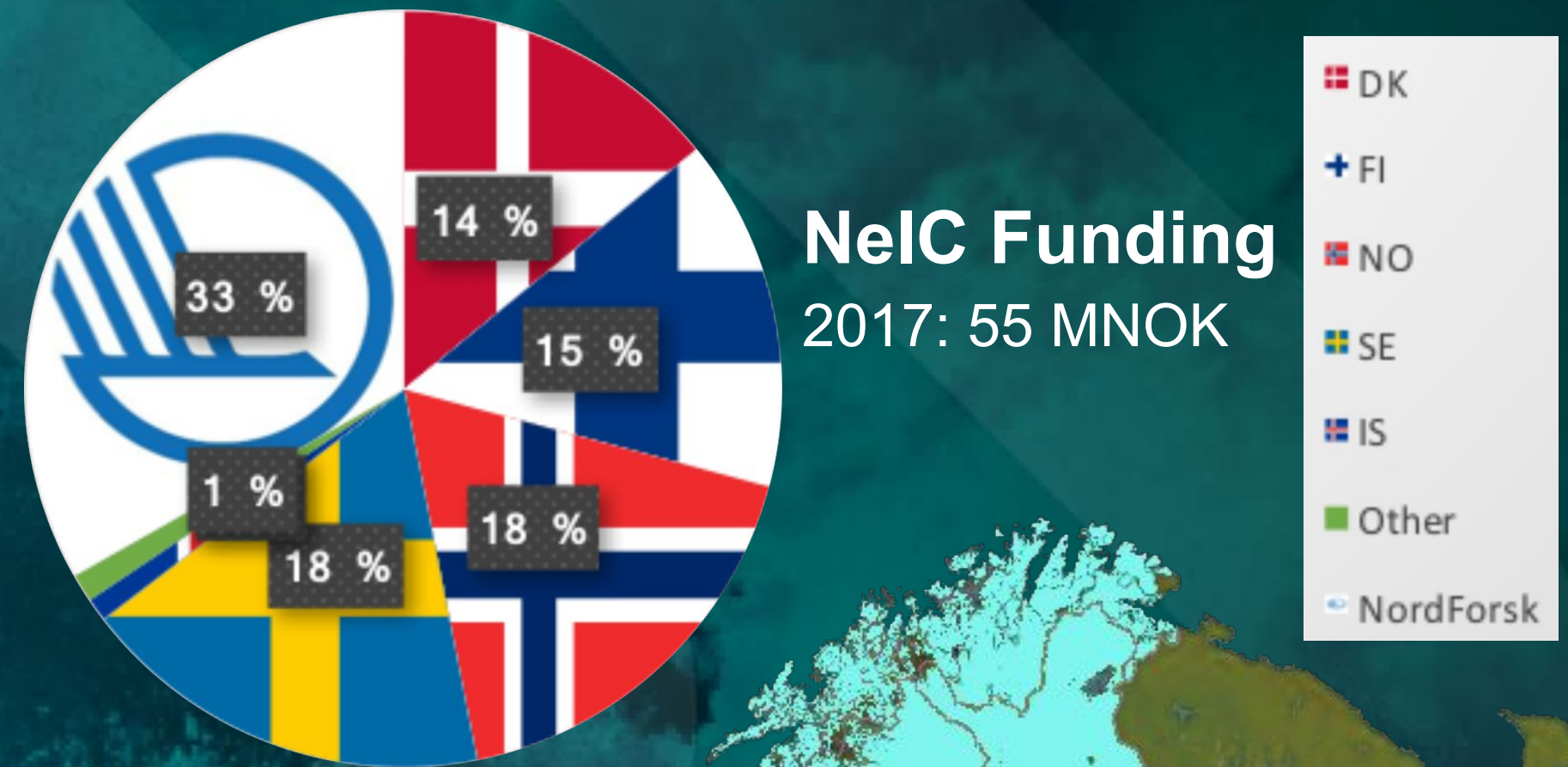
Directions and goals for e-infrastructure in the Nordic region
Input collected via open call in 2018

Co-funding model

10-year MoU signed in 2013 by the NeIPs
EOSC-Nordic proposal submitted in Nov 2018
Different “instruments” discussed: not only 50% co-funding

Some projects and their partners:

Nordic Tier-1 (aka NDGF)
 Tryggve (2)  
 Glenna (2)  
 CodeRefinery (2) 
 DeepDive 
 EISCAT 3D (Data) Support 



In 2020, NeIC is a global role model for cross-border distributed and sustainable e-infrastructure services

- Launch pilot projects to establish ambition levels
- Create framework agreement (scope, CPU/storage)
- Establish enabling processes and technologies

Share Resources

- Map skills, identify and prioritise needs
- Establish NeIC and cross-border training programmes
- Make NeIC more attractive to competent personnel

Pool Competencies

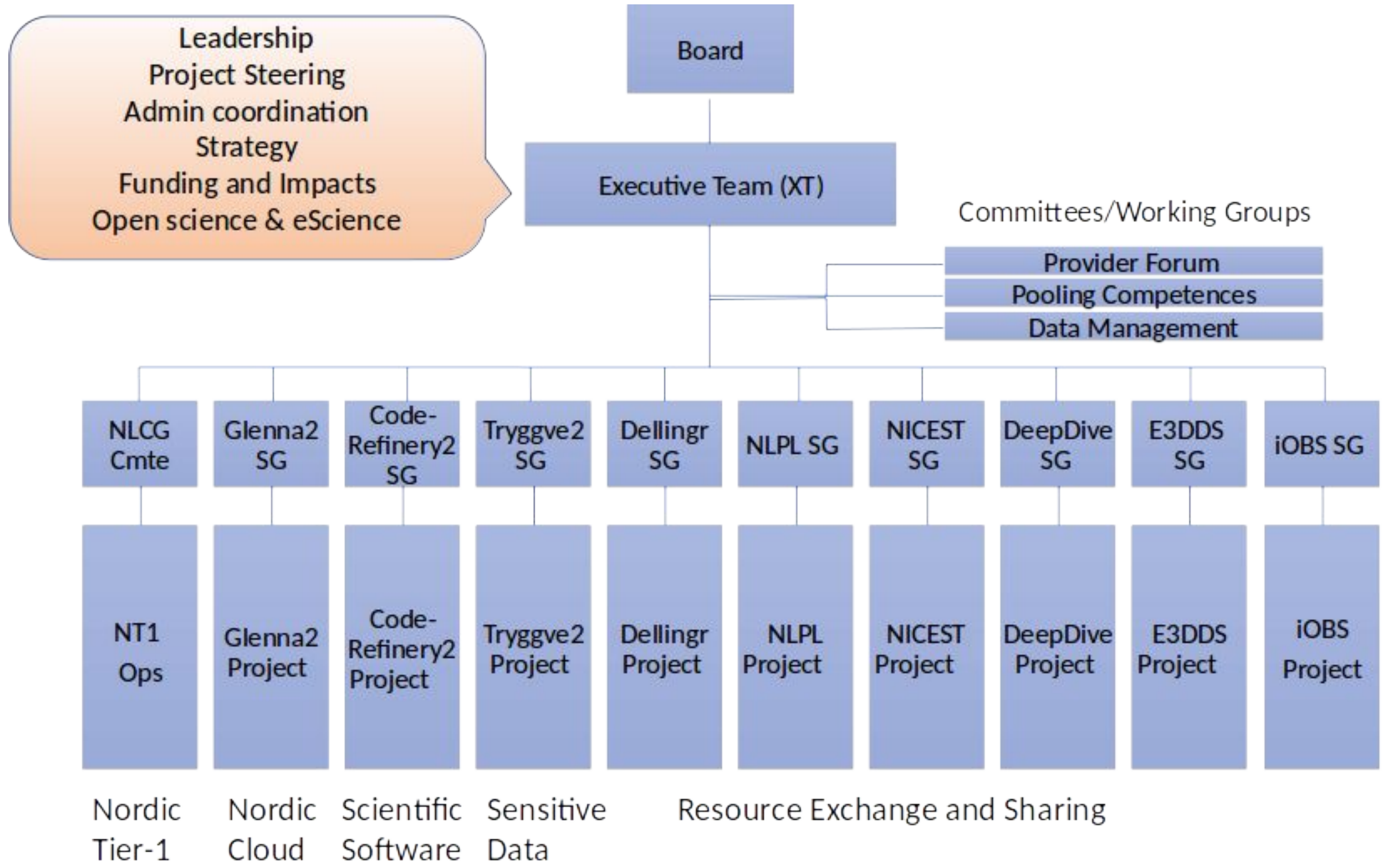
Accelerate development and provisioning of cost-effective, best-in-class e-infrastructure services beyond national capabilities

Secure Long-Term Funding

- Map funding sources, modalities and application mechanisms
- Agree on total funding and share from each funding source
- Adapt to unaligned funding periods

Strengthen Stakeholder Dialogue

- Map stakeholders and partnerships
- Create engagement plan (frequency, means)
- Implement stakeholder and partnership monitoring (incl. surveys)

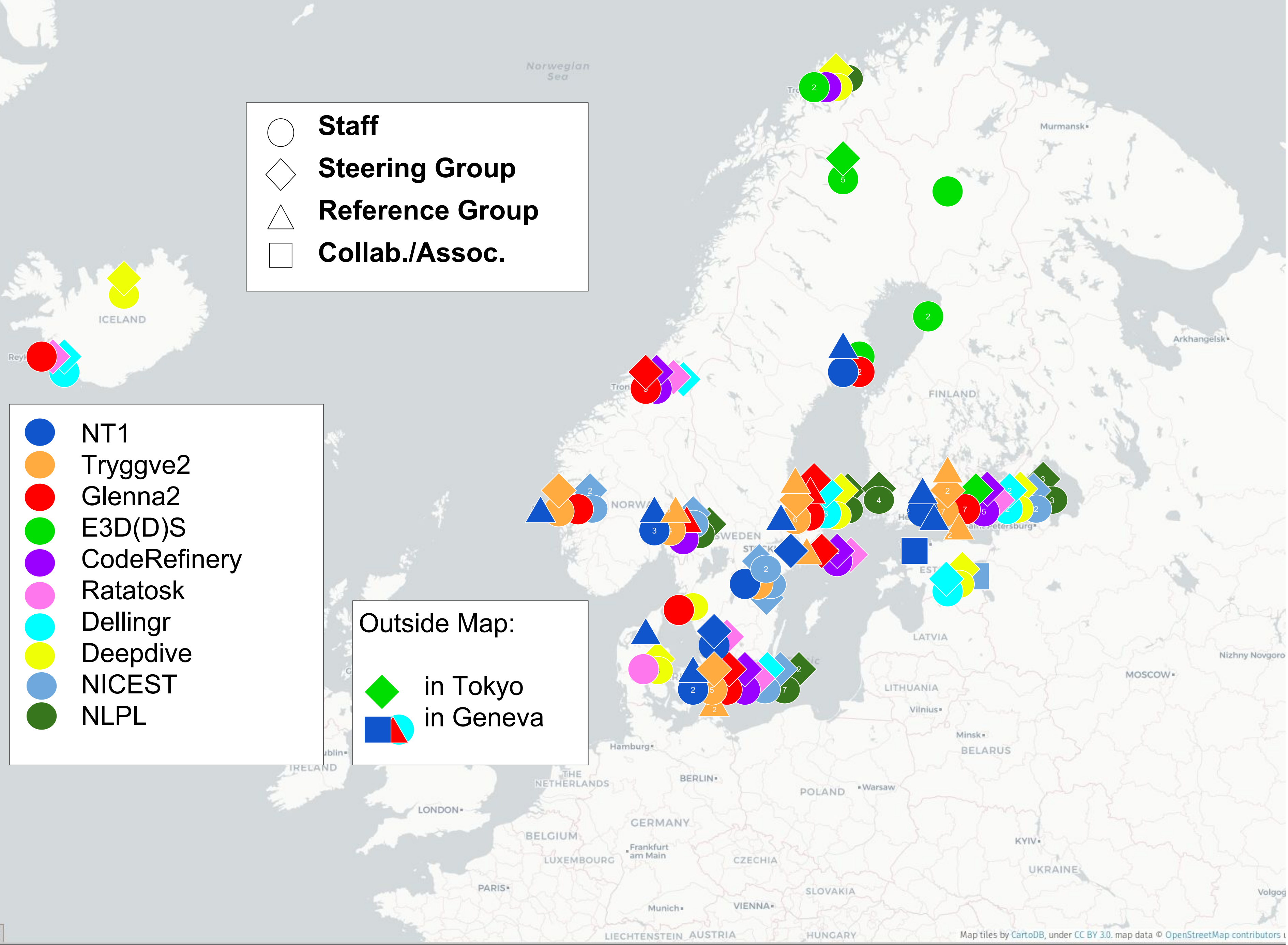


- **Staff**
- ◇ **Steering Group**
- △ **Reference Group**
- **Collab./Assoc.**

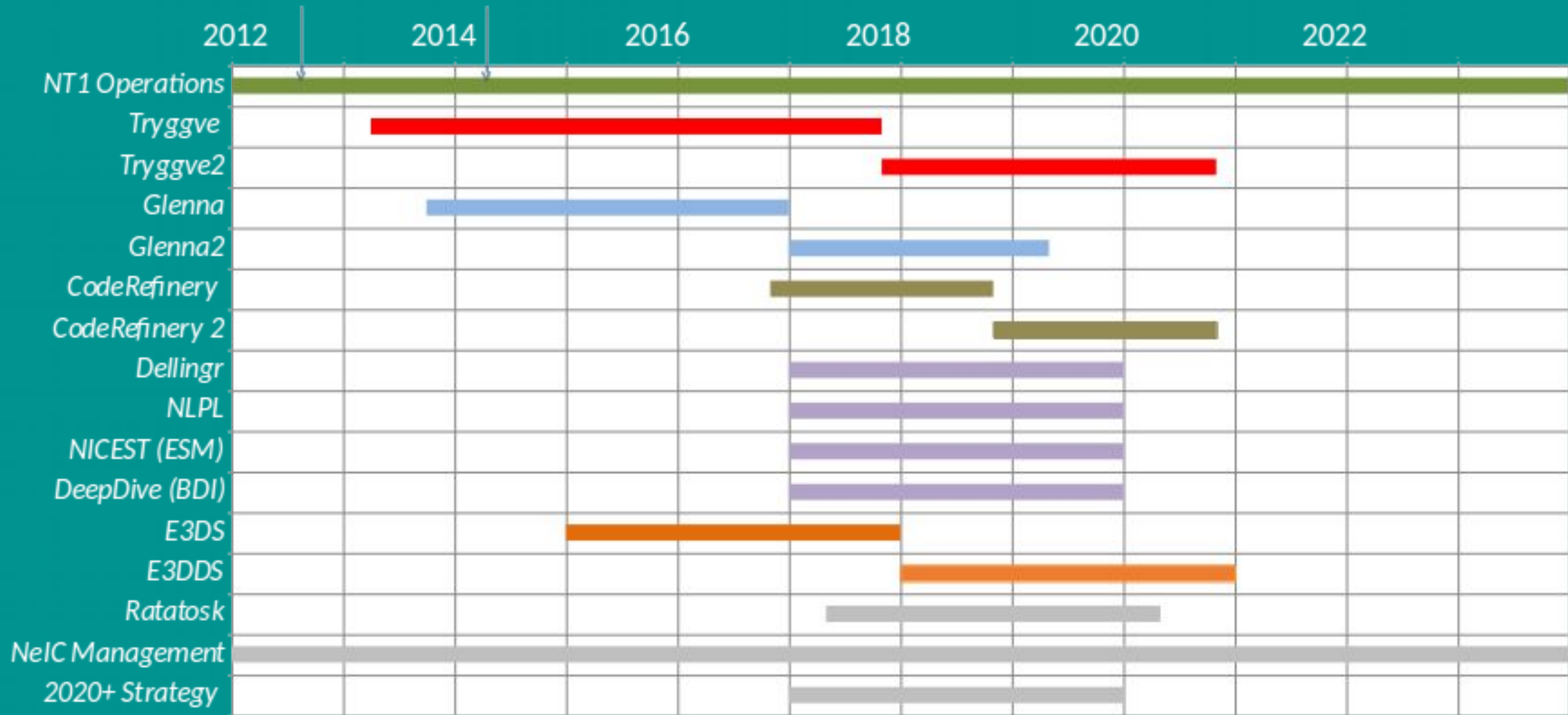
- NT1
- Tryggve2
- Glenna2
- E3D(D)S
- CodeRefinery
- Ratatosk
- Delligr
- Deepdive
- NICEST
- NLPL

Outside Map:

- ◇ in Tokyo
- in Geneva



NeIC Projects Timeline



<number>



NeIC core values

- NeIC services and development will be motivated by providing **added value to researchers**.
- NeIC will be a **reliable** partner displaying integrity, transparency, and accountability in all processes.
- NeIC will strive to be **open**; to new ideas and opportunities, and to its outputs in terms of knowledge, tools and services.
- NeIC will strive for **continuous improvement** in all aspects of its operation.
- NeIC will give priority to **stakeholder engagement**.



Tools of Trade (theory)

- Funding model:
Co-funding model ensures:
 - national strategic interest in NeIC projects and
 - local and partner synergies
 - NeIC not seen as funding agency, but as facilitator
- Tieto Practical Project Steering (PPS) as common project structure
 - Defining a common language and a common standard
 - Being virtual means more documentation needed!
 - All NeIC project managers get PPS training, Steering Groups and Reference Groups are also offered training.



Funding model in detail

10-year MoU signed in 2013 by the NeIPs (~ 1/3rd of the budget)

~1/3rd of the budget from NordForsk directly

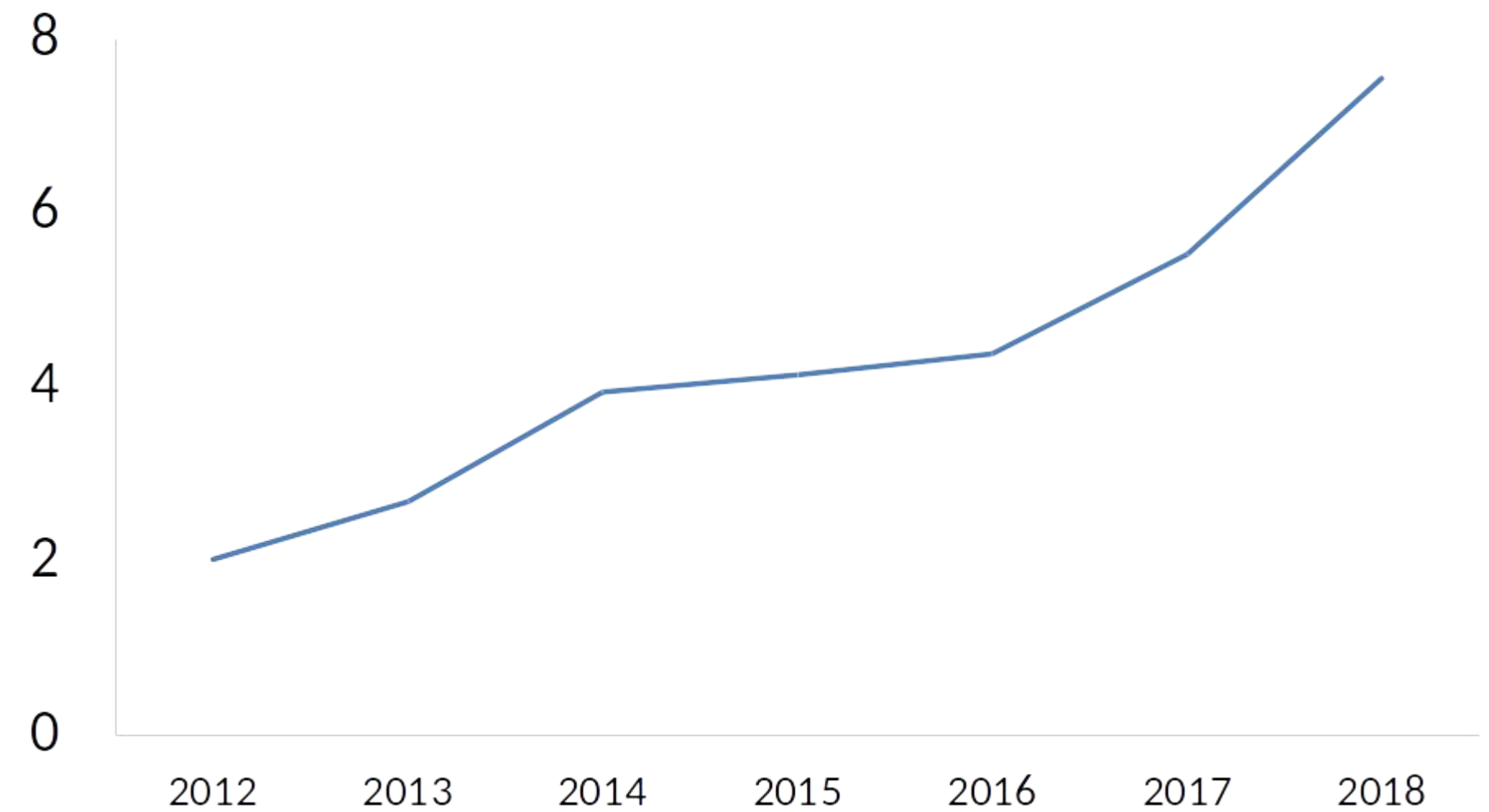
New funding sources:

EOSC-Nordic proposal submitted in Nov 2018

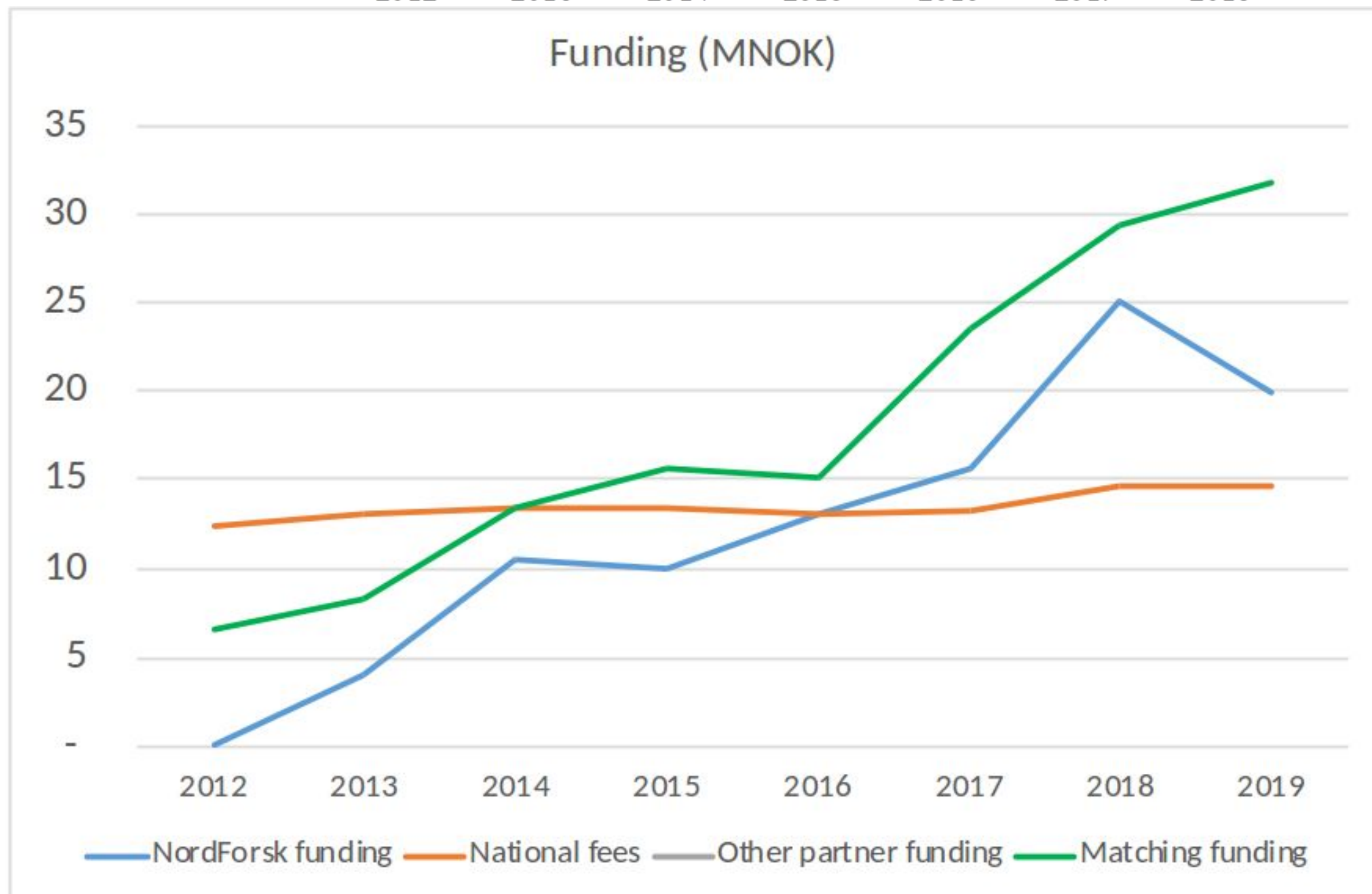
Different “instruments” discussed: not only 50% co-funding

“finding the sweet spot of collaboration”

Funding (M€)

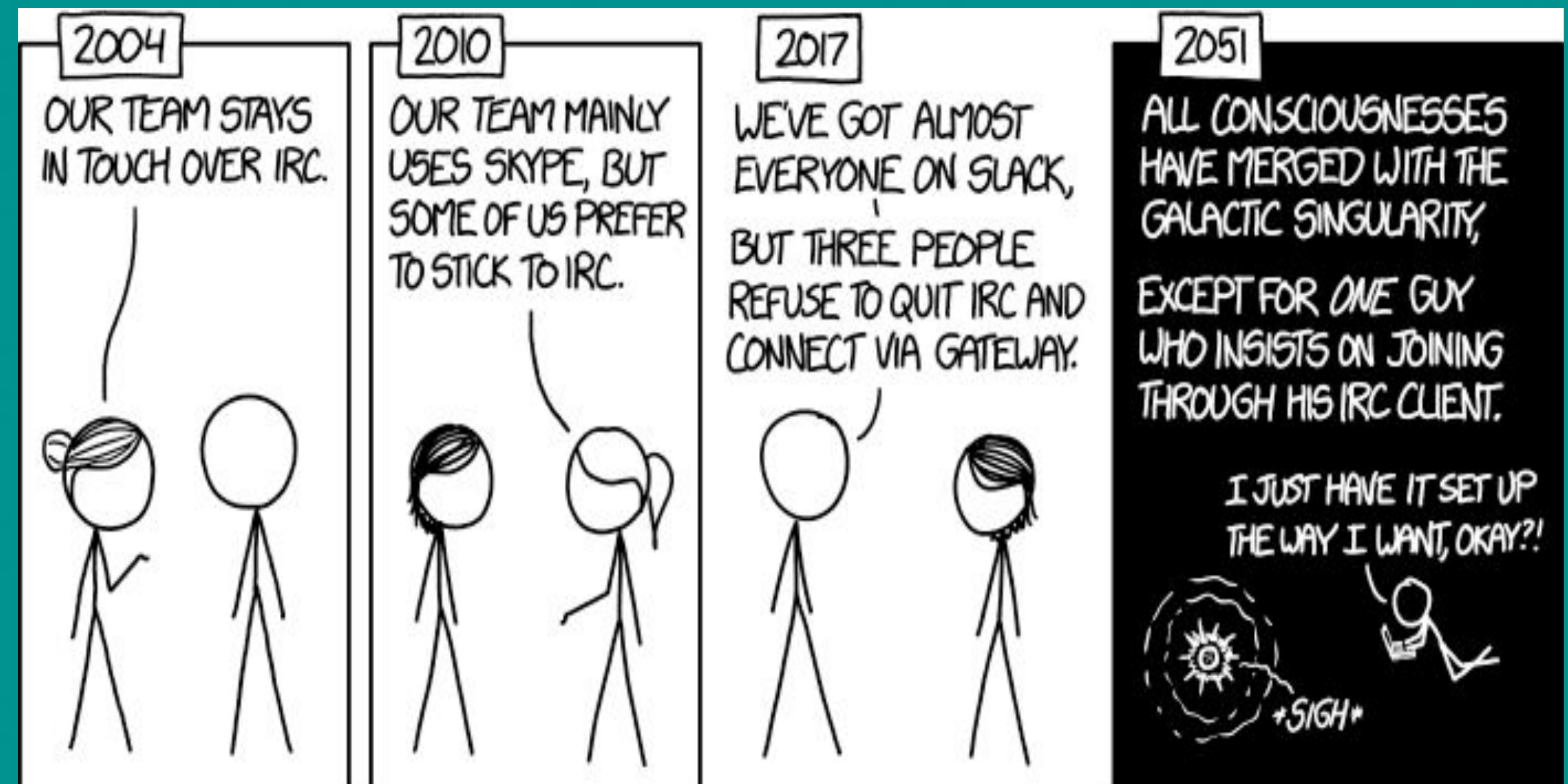
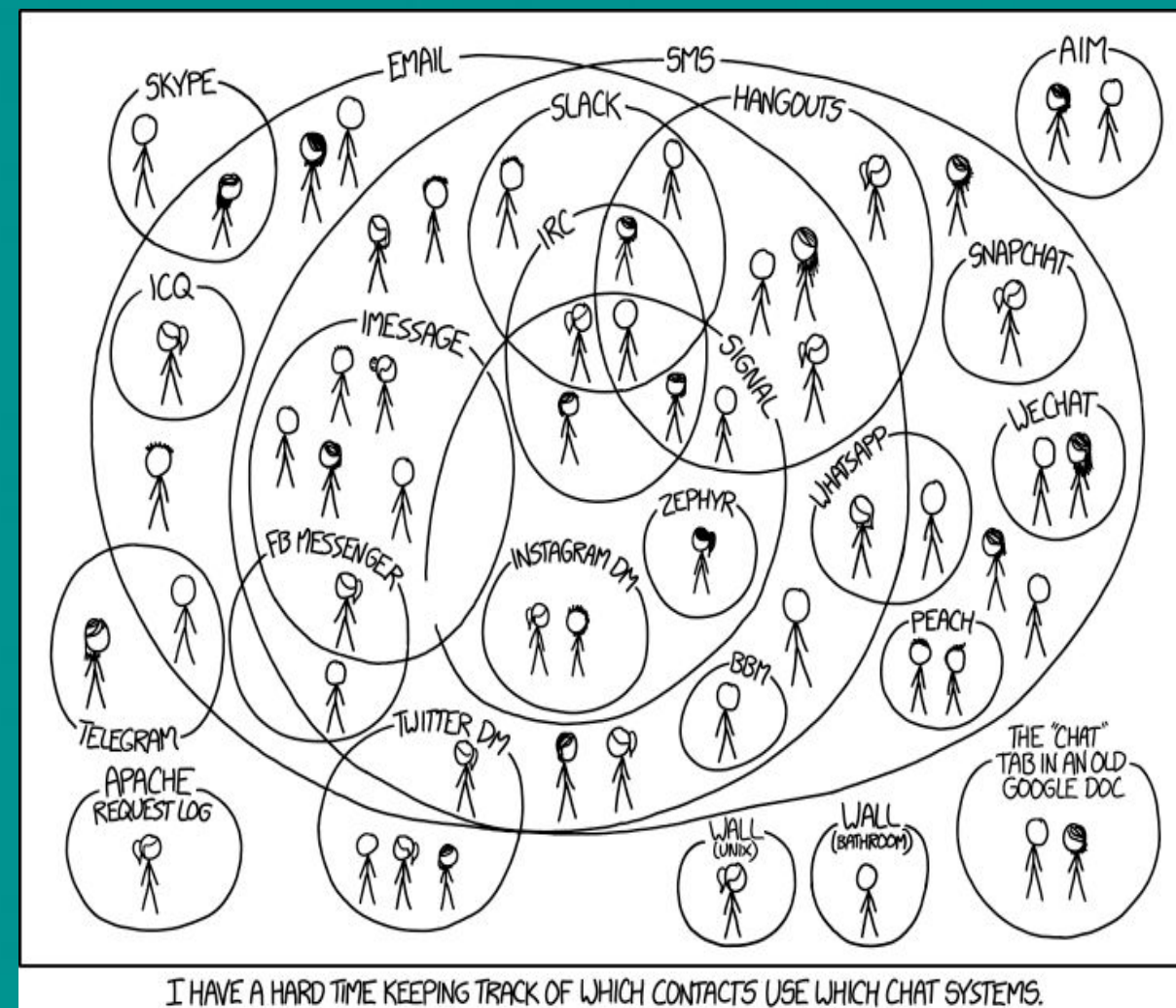


Funding (MNOK)



Tools of Trade (praxis)

- Chat: NeIC hasn't invented the chat, but...
 - already NDGF was using XMPP chat for a common Nordic knowledge exchange platform
 - NeIC invited also Reference Groups, Steering Groups, project staff and other stakeholders in a quite substantial Nordic chat platform on slack.
- NeIC hasn't invented VideoConferencing either, but..
 - We use it all the time. Also further social media usage is encouraged.
- Actual tools might change (see xkcd.com 1782 and 1810)



Working routines, policies, culture

Working routines and policies linked from [https://wiki.neic.no/wiki/Welcome to NeIC](https://wiki.neic.no/wiki/Welcome_to_NeIC)

Policy category refers also the building blocks for NeIC governance (NeIC governance mandate, MoU, Rules of Procedure for the Board, NordForsk NeIC interaction)

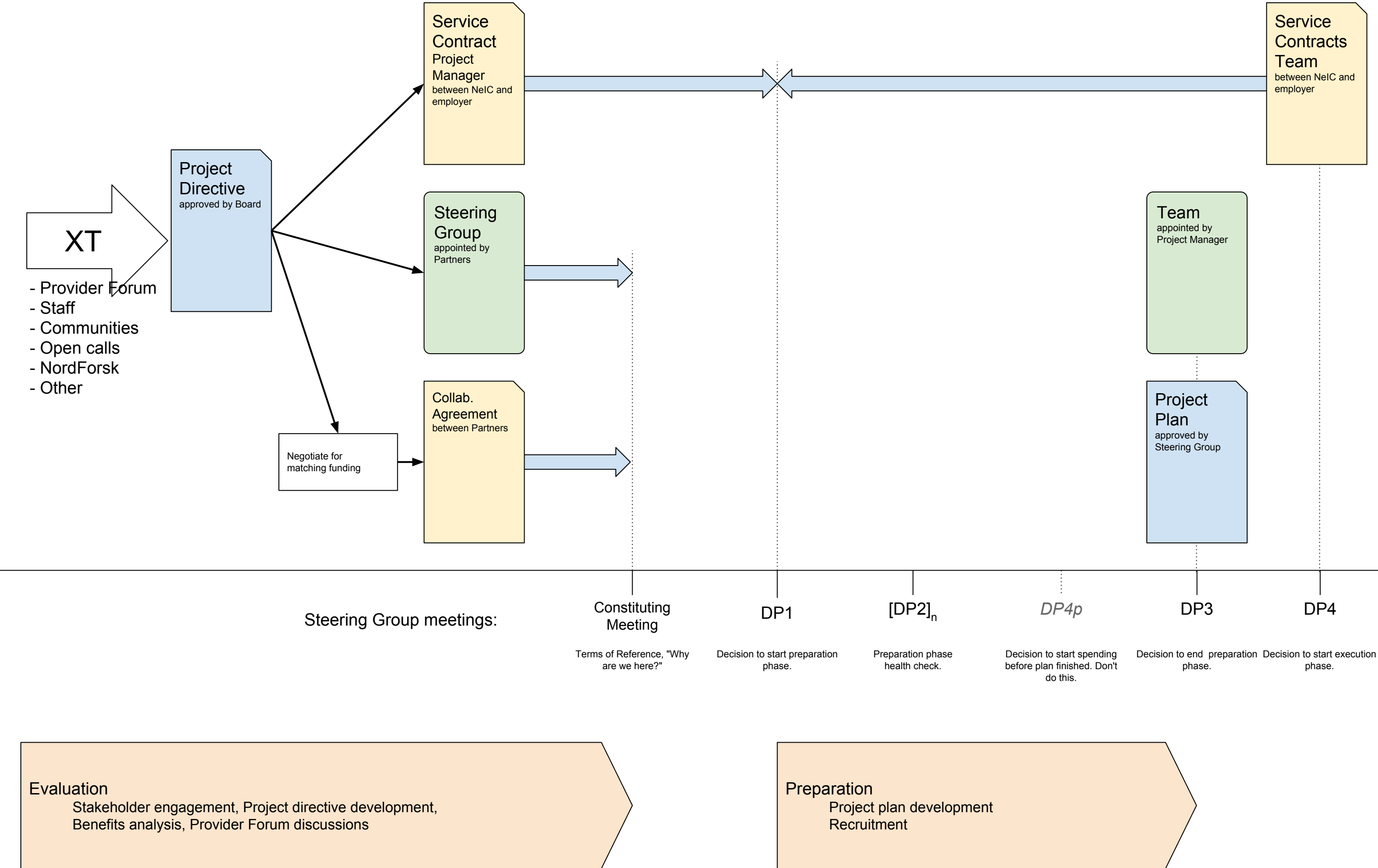
Good first read: https://wiki.neic.no/wiki/Working_routines_policy

- NeIC Human Resource Policy
 - https://wiki.neic.no/wiki/NeIC_HR_Policy
 - NeIC AHM meetings
 - Bi-annual NeIC conference
- NeIC Culture “book” https://wiki.neic.no/wiki/NeIC_culture



Project creation (soon OLD)

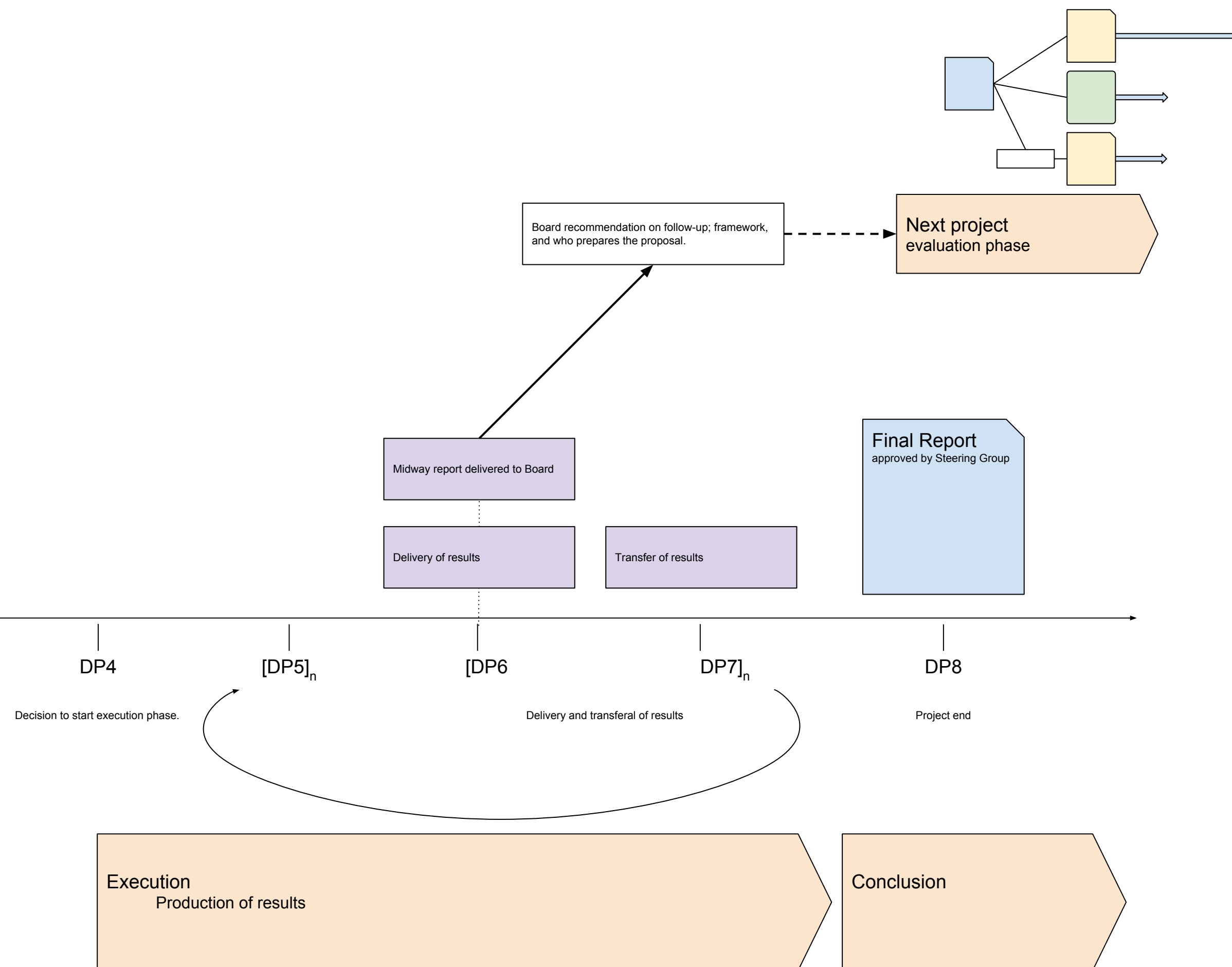
bottom-up (**open calls**, Lols, BoF, staff, Project Directives sent to Provider Forum)
 top-down (NordForsk, Nordic eScience Action Plan 2.0, NelC Board)



Project creation (soon OLD)

bottom-up (**open calls**, Lols, BoF, staff, Project Directives sent to Provider Forum)

top-down (NordForsk, Nordic eScience Action Plan 2.0, NelC Board)



**Deep:
Local/Nordic**

**Wide:
International**

CodeRefinery

Glenna
NLPL
Dellingr
Ratatosk

DeepDive
NICEST
iOBS

Tryggve

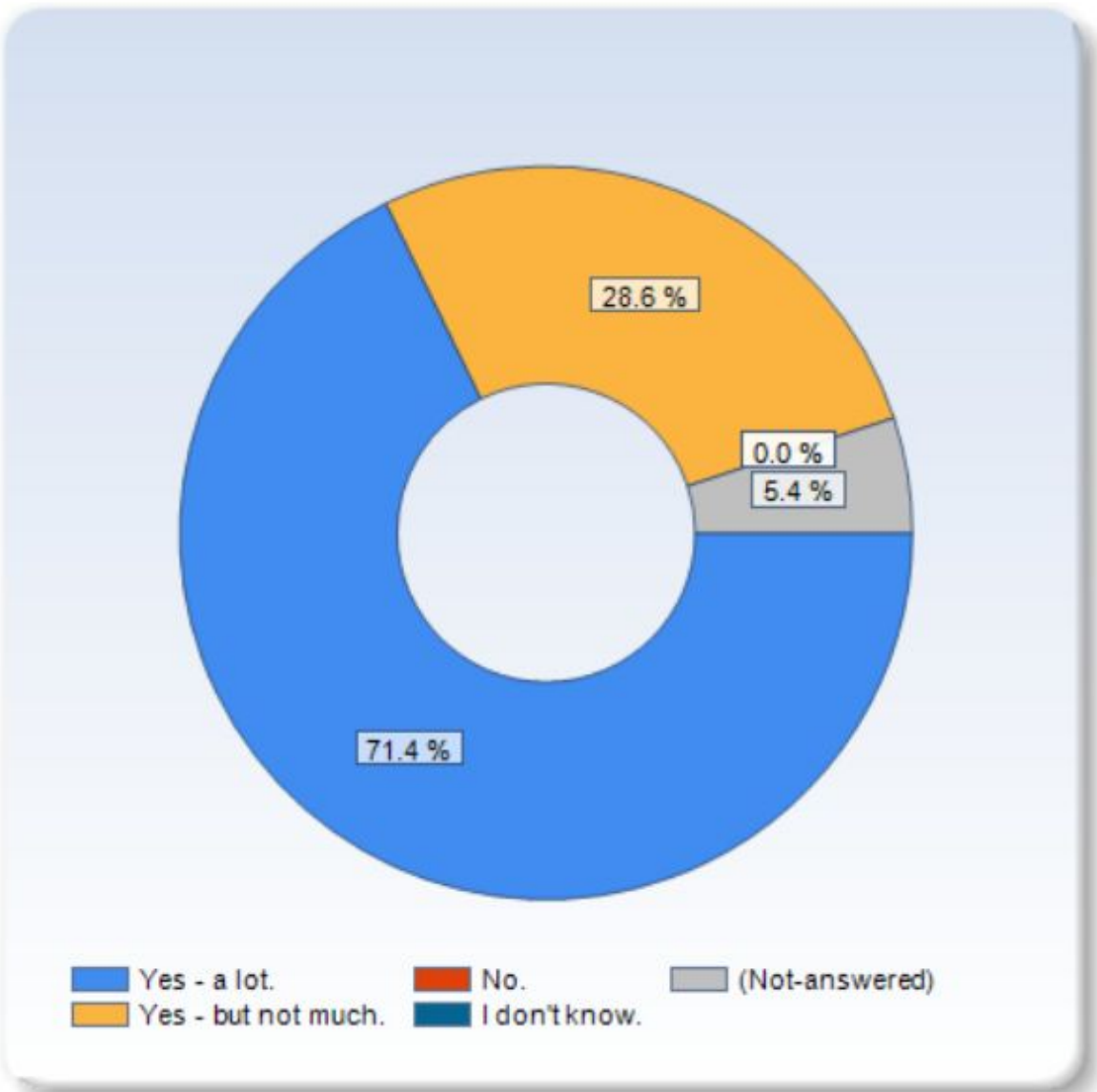
EOSC-Nordic
NT1
E3DDS

**Society,
Ethics and
Sustainability**



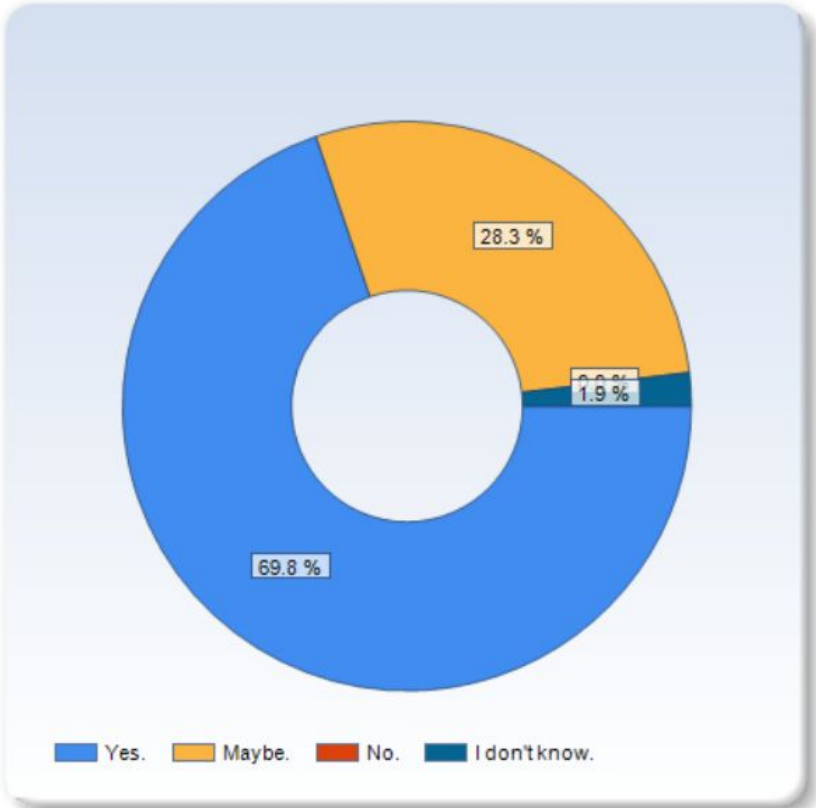
Did you learn something new during your time with NeIC?

Did you learn something new during your time with NeIC?	Number of Responses
Yes - a lot.	40 (71.4%)
Yes - but not much.	16 (28.6%)
No.	0 (0.0%)
I don't know.	0 (0.0%)
Total	56 (100.0%)



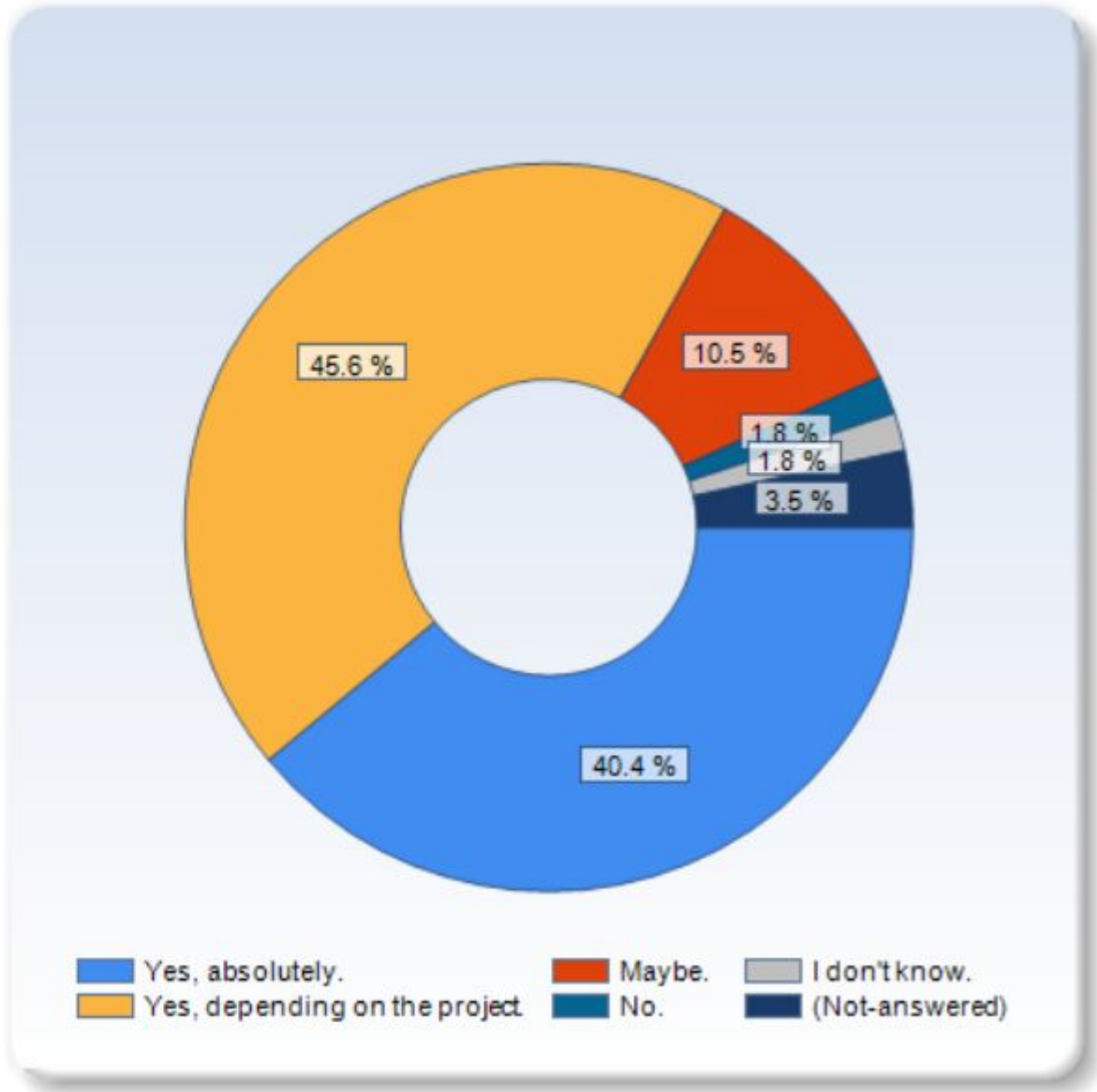
Is this knowledge useful for your local organization?

Is this knowledge useful for your local organization?	Number of Responses
Yes.	37 (69.8%)
Maybe.	15 (28.3%)
No.	0 (0.0%)
I don't know.	1 (1.9%)
Total	53 (100.0%)



Would you like to continue to work with NeIC?

Would you like to continue to work with NeIC?	Number of Responses
Yes, absolutely.	23 (40.4%)
Yes, depending on the project.	26 (45.6%)
Maybe.	6 (10.5%)
No.	1 (1.8%)
I don't know.	1 (1.8%)
Total	57 (100.0%)





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Questions?

