



# NeIC short intro and benefit realisation management

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iOBS RG meeting








NORDIC E-INFRASTRUCTURE COLLABORATION

“Together the Nordic countries are **tackling e-infra challenges** beyond individual national capabilities”

- 2020 Budget: 97 MNOK ~9 M€
  - **Co-funding:** not restricted to 50%
    - ‘finding sweet spot of collaboration’
  - **NeIC is not a funding agency!**
- Since 2012 part of  NordForsk
- Professional project steering methods (Tieto PPS)
- Annual open calls

Some projects and their partners:

Nordic Tier-1 (aka NDGF)

Tryggve (2)

CodeRefinery (2)

iOBS

NICEST (2)

EISCAT 3D (Data) Support

Puhuri





Worldwide LHC Computing Grid





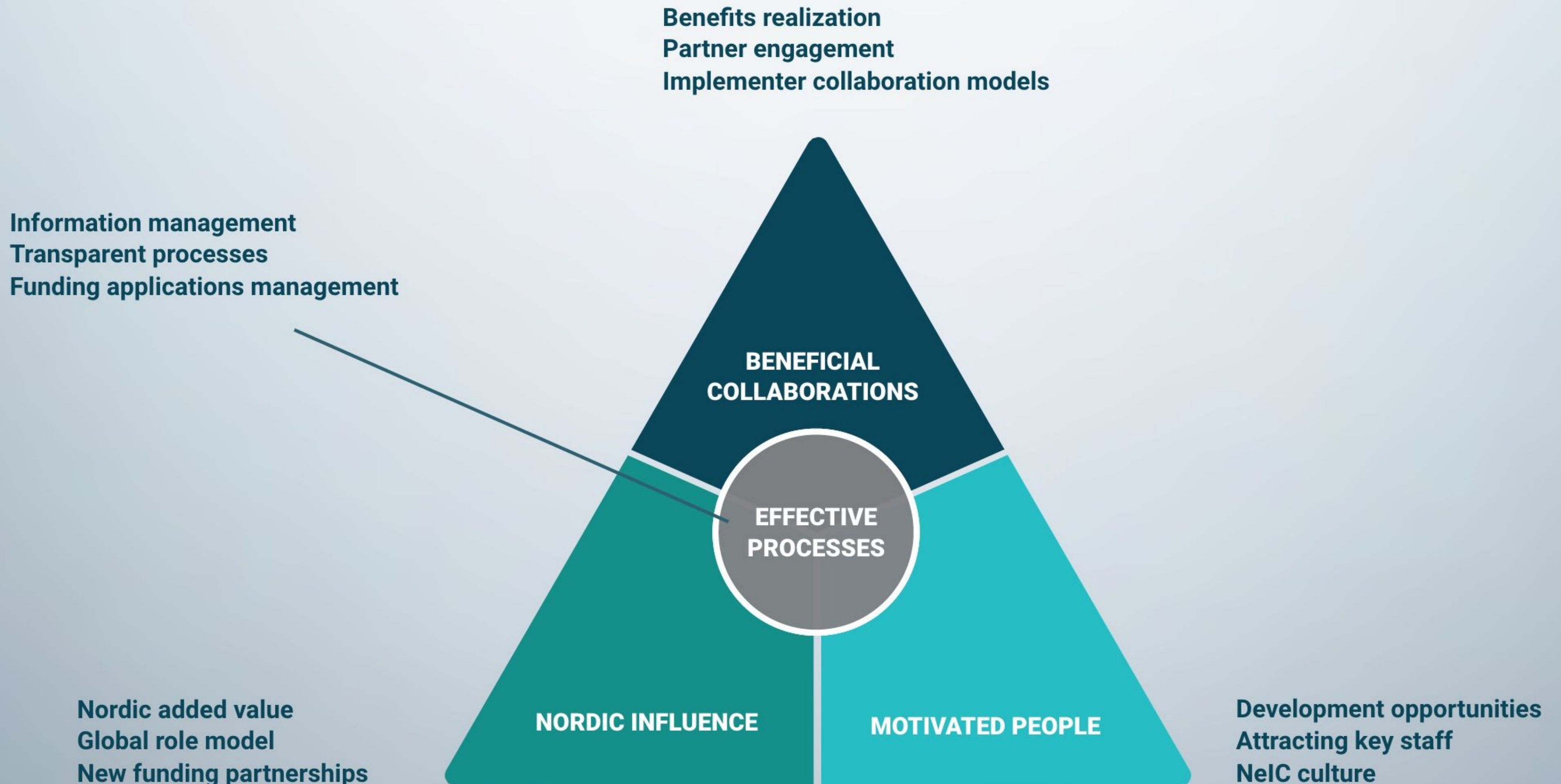
*Digital Infrastructure for  
Nordic Research Excellence*



# NEIC STRATEGY 2020-2025

NeIC is a global role model for cross-border distributed and sustainable e-infrastructure collaborations

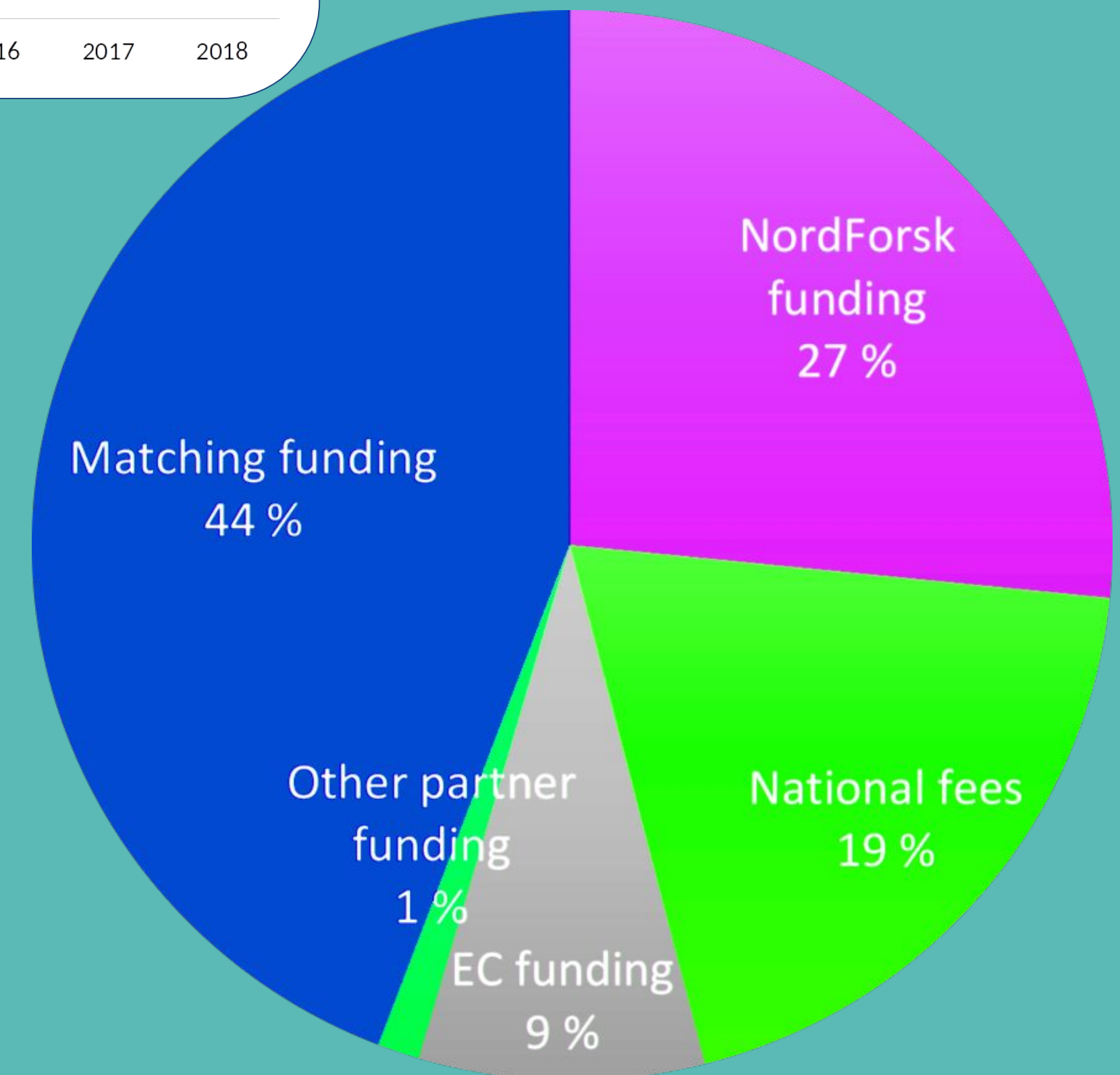
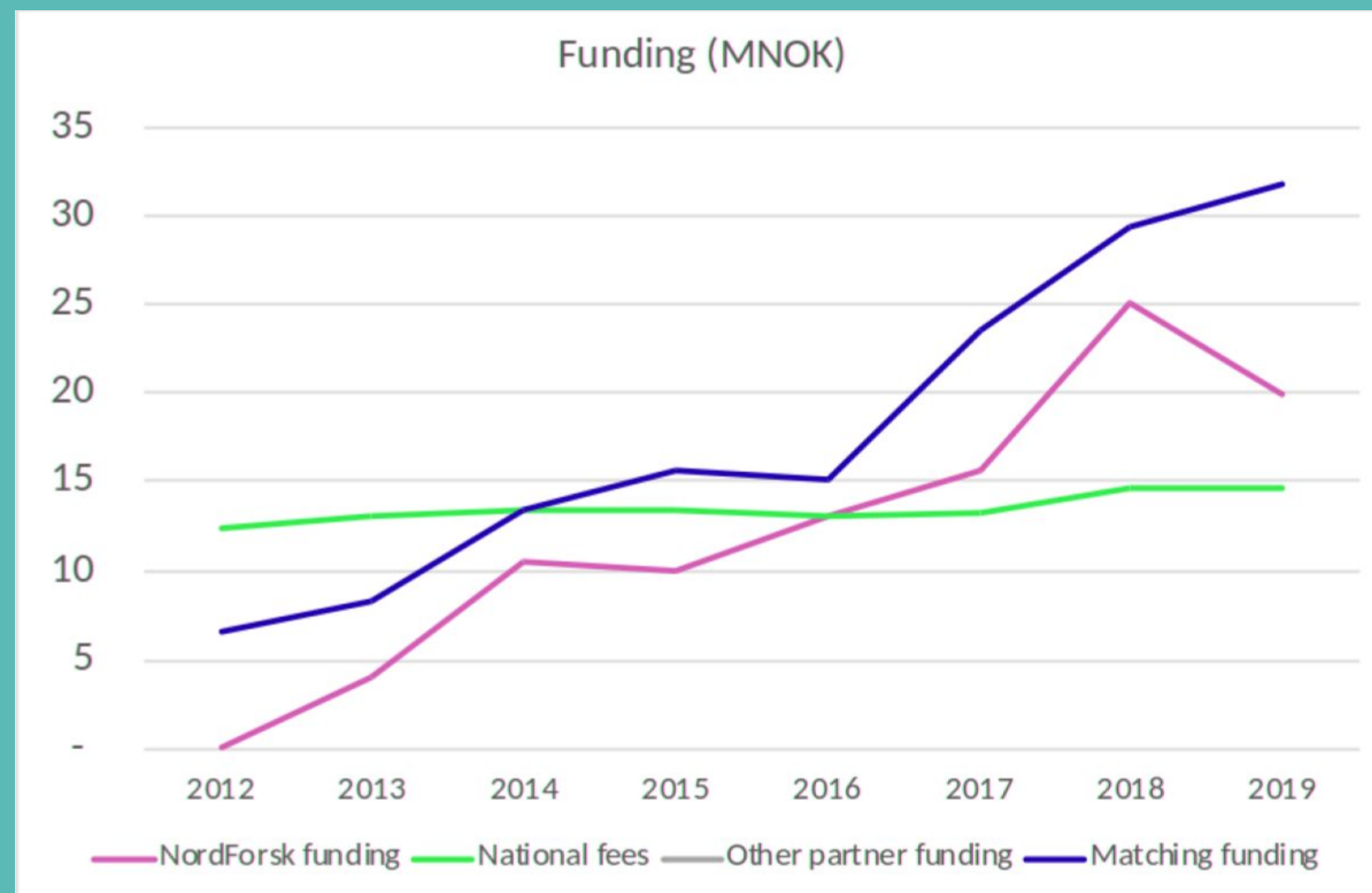
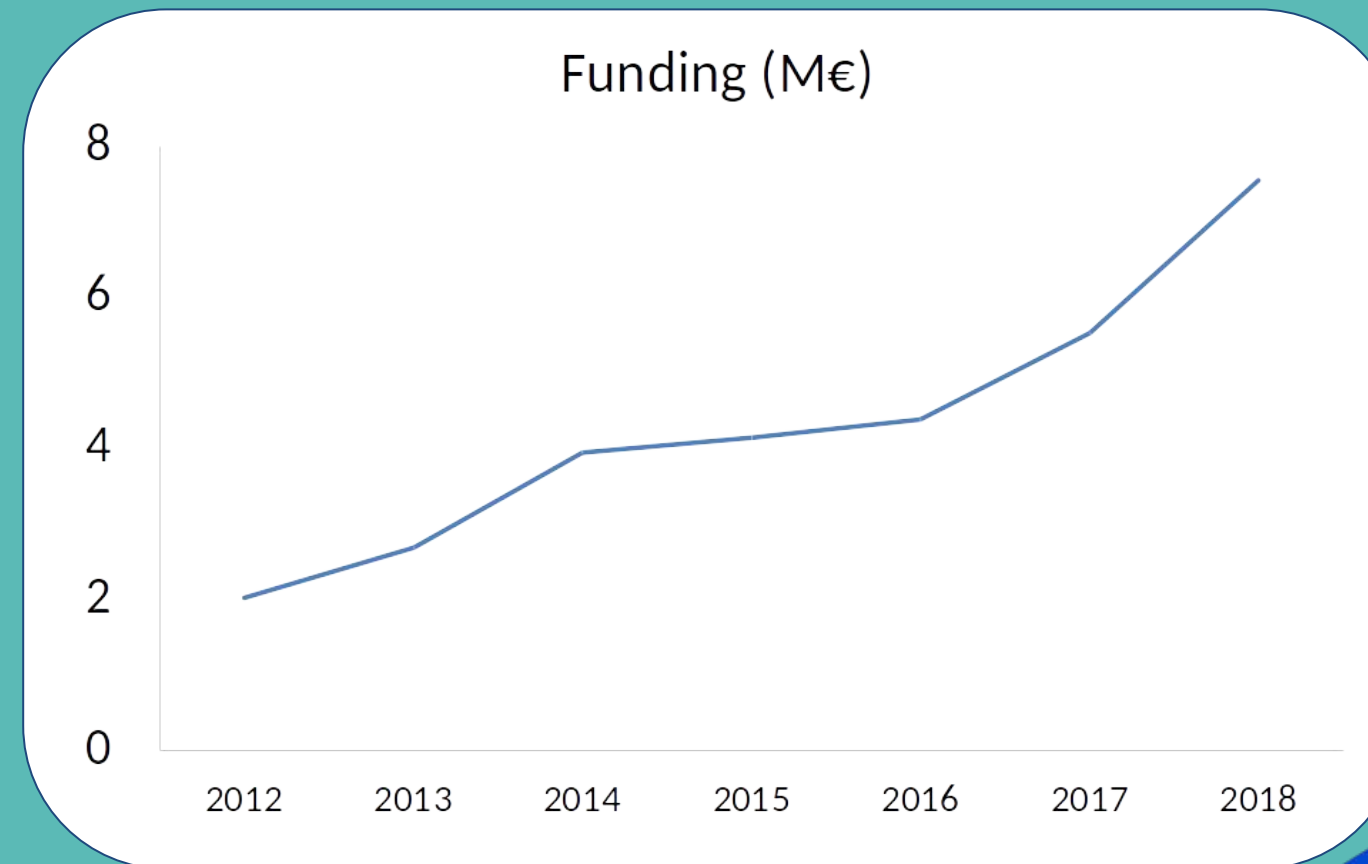
## DIGITAL INFRASTRUCTURE FOR NORDIC RESEARCH EXCELLENCE



# NeIC Funding

2020 Budget: ~ 9 M€

- **NordForsk**: collaboration agreement
- **Members**: Joint funding proposals (MoU until 2023)
- **Co-funding** (not restricted to 50%; 'finding sweet spot of collaboration')
- **European** funding: EOSC-Nordic



2019: 8 M€ (including co-funding)



# Practical Project Steering (PPS)



Phases of the Project Life Cycle



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# Key concepts business benefits

Business case

Benefits

Benefits realization

Benefits realization management



# Business case



# The Business Case

Q: *Is it really worth doing this?*

A:



Business Case

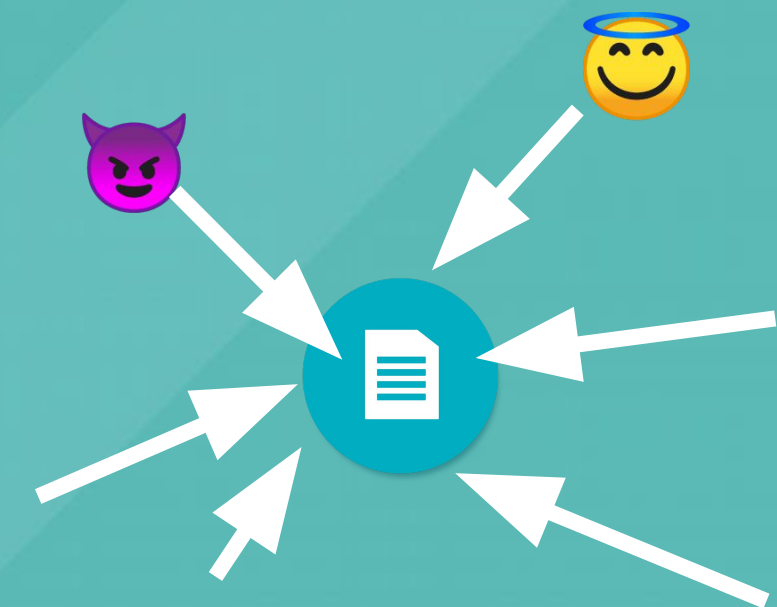
The arguments and expected benefits of conducting a project should be well understood, documented and agreed on.

Definition business case:

- Documented economic feasibility study used to establish validity of the benefits to be delivered (PMI)

Within NeIC, the Business Case is normally done twice:

1. Project selection (open call)
2. Project implementation planning





# iOBS special

There was no business case done within NeIC on iOBS, since project selection was done by NordForsk directly.

The Business Case is not a living document:

The tables in the Business Case are updated in the Business Benefit Realisation plan (Excel sheet) throughout the duration of the project (by the SG, with input from RG).

- Still: **Validity of the benefits** has to be established.

After project completion the Business Benefit Realisation plan gets updated through e.g. the NeIC Affiliate programme.



# Benefits



# Benefits

*Value that is created for the project sponsor or beneficiary as a result of the successful completion of a project (PMI).*



Q: What are the benefits from e-infrastructure development projects?





# What kind of benefits?

Benefits can be of three different flavours:

- **MONEY**
- **TIME** or
- **QUALITY**

There should be clear benefits in terms of **saved time, created value** or **improved quality**.

## Monetary benefits

- Increased revenues or reduced costs valuated in money.

## Time benefits

- Time savings can easily be converted into money.
- Time actually saved must be utilised, in order to create benefit!



# What kind of benefits?

**Quality benefits** are the most difficult to value.

Instead of trying to assess the value of a quality benefit, it is given a value, based on how important it is compared to the money and time benefits.

A well-composed valuation group can, together, decide how important the quality benefits are in relation to the other benefits.

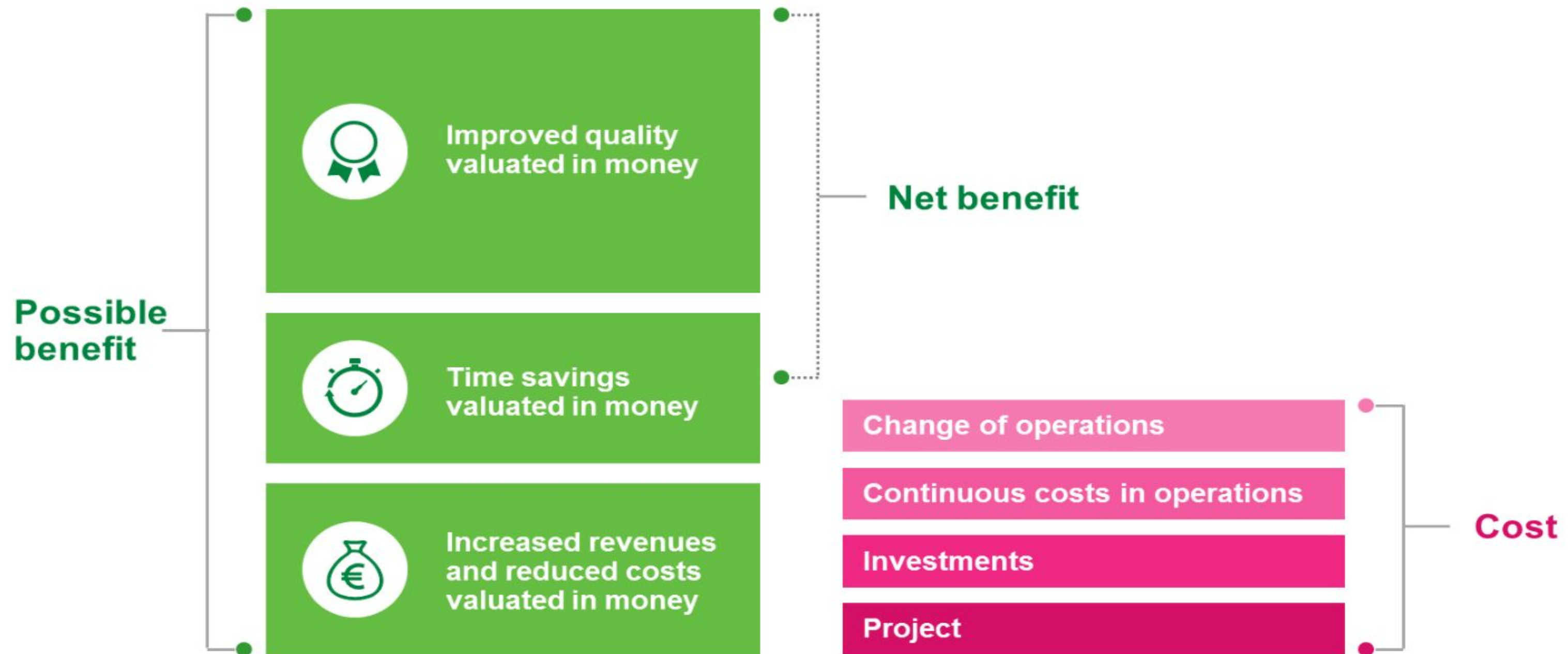
This way of valuating provides just as good values as “real” figures.





# Benefits valuation

## Benefit valuation, terminology



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Business benefit management

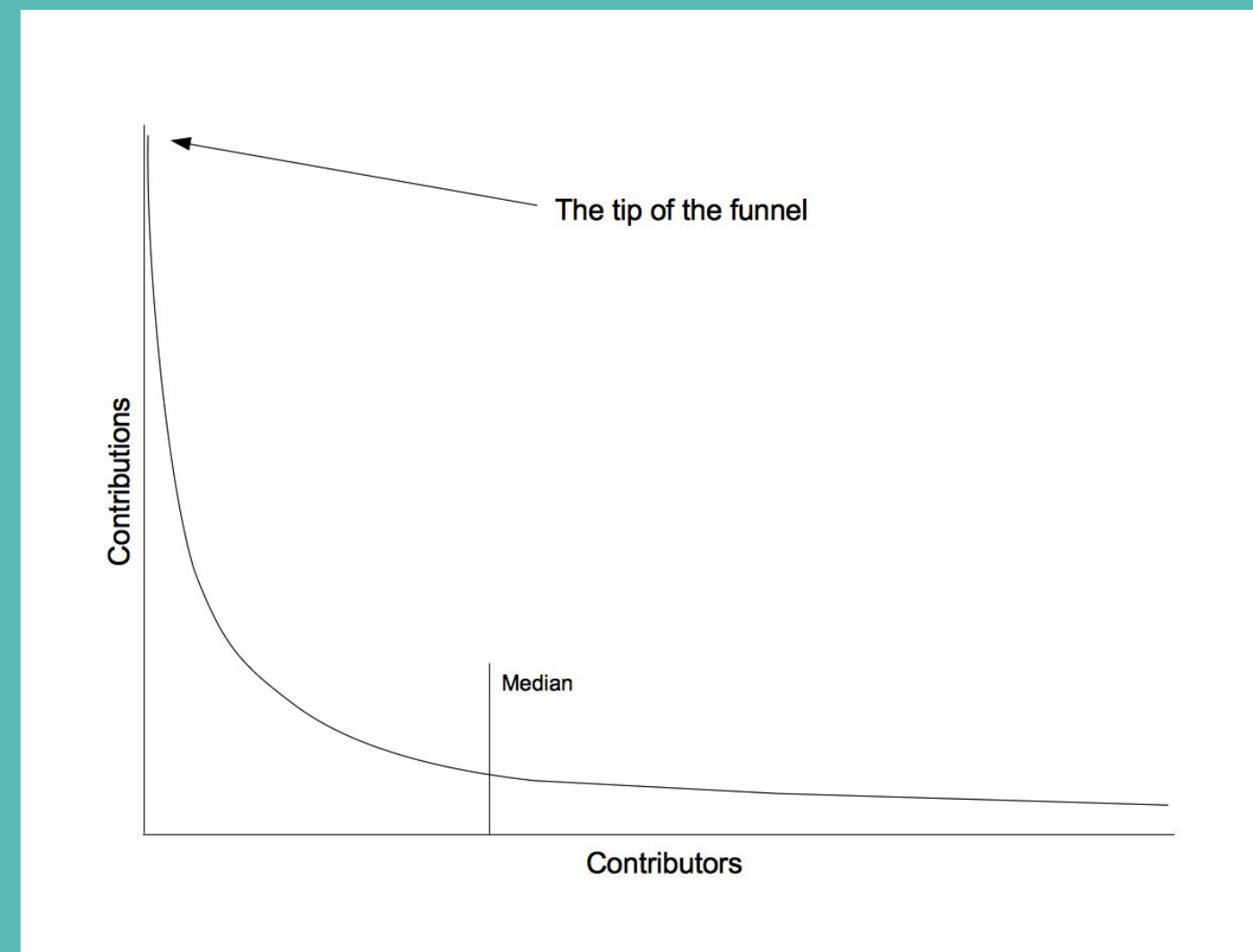
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# 80/20 rule applied

aka. **Pareto principle**,  
**law of the vital few** or  
**principle of factor sparsity**:



**Roughly 80% of the effects come from 20% of the causes.**

(true for phenomena following a power law distribution)

Concentrate on the part of the benefits that stand for 80% of the total effect. No obligation for the benefit list to be complete!





# Benefit realization management



# Benefits realization

*A means to ensure that benefits are derived from outputs.  
(PMI).*

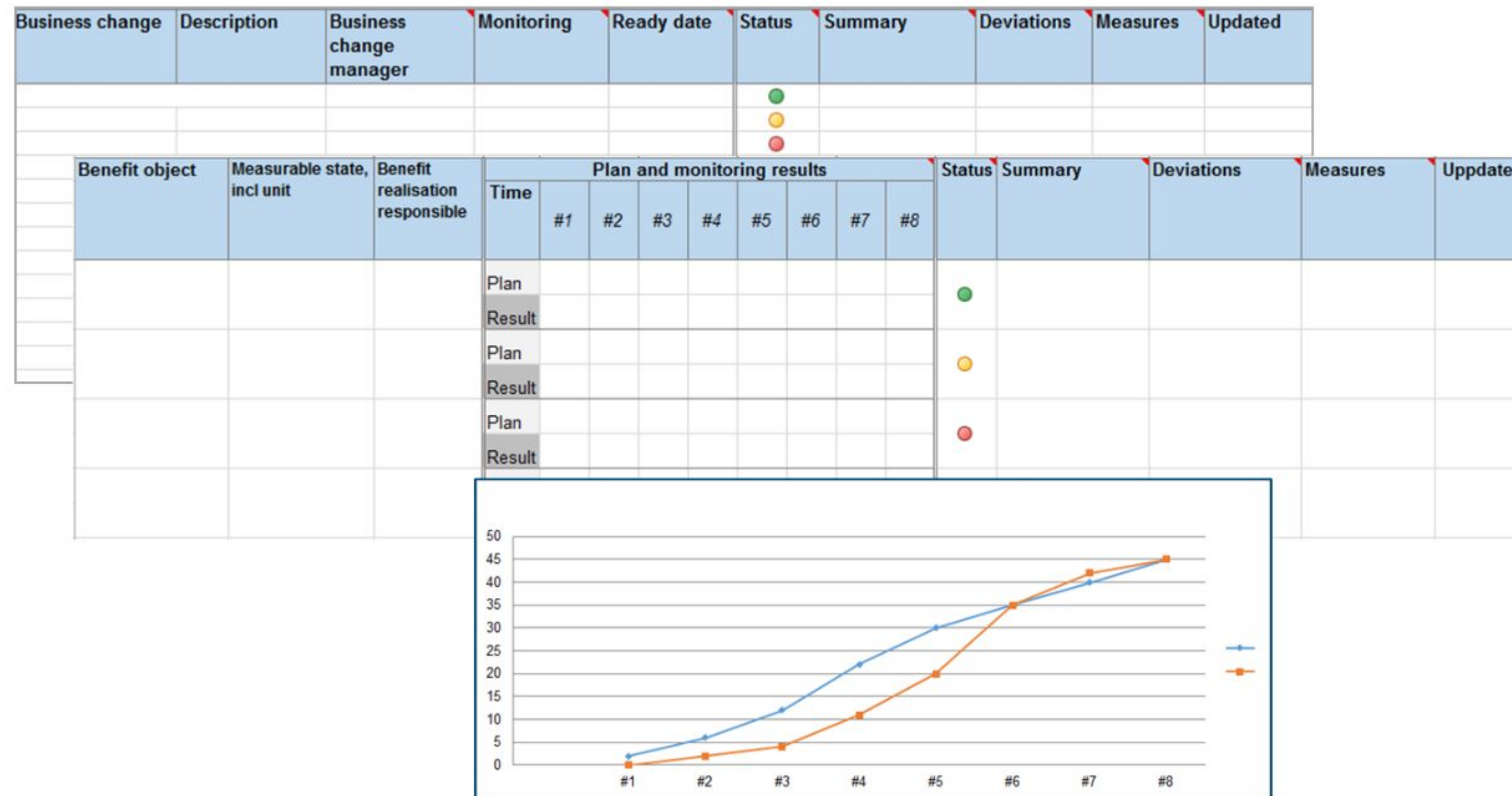




# Benefit realisation plan

## Benefit realisation plan

Plan for measuring business changes and benefit objects



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Benefit realisation

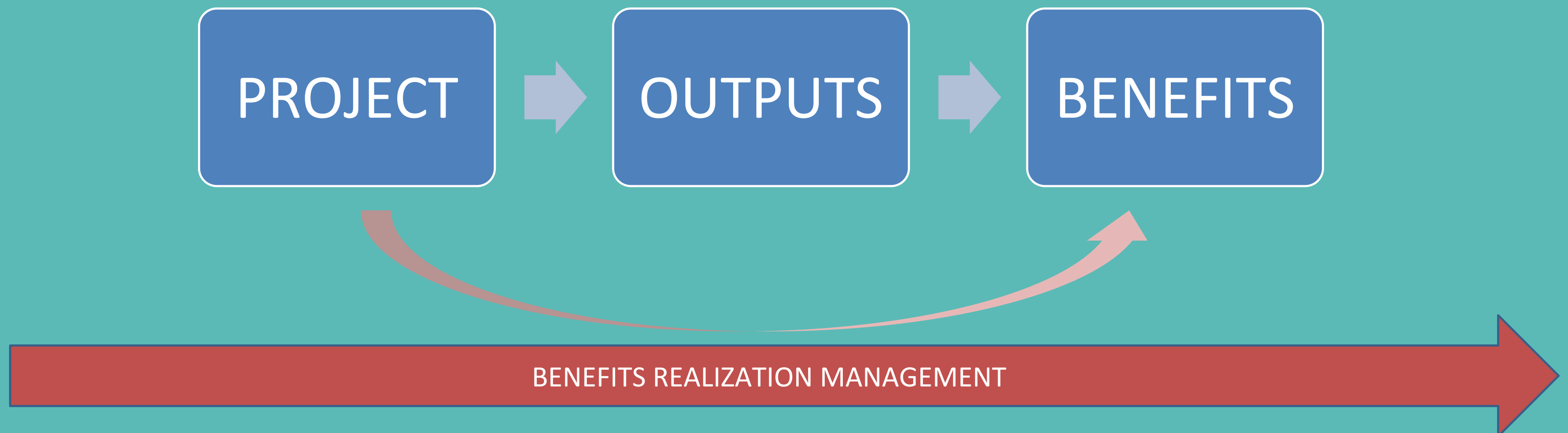
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# Benefits Realization Management (BRM)

Processes and practices for

- *Identifying, evaluating benefits*
- *Managing Benefits*
- *Ensuring benefits are realized*
- *Ensuring that the benefits are sustainable—and sustained (PMI).*





# Roles in benefits realization management

During project runtime:

- Project Steering Group (representatives of co-funding partners) maintains benefits realization plan.
- The Provider Forum (representatives of strategic partners) advises on benefits realisation plan for NeIC portfolio.
- There can also be a reference group providing feedback.

**Note:** Partners can overlap and representatives can come from different levels in the partner's management hierarchies. Metrics and KPIs for benefits delivery may differ.

# Note: Terminology within BRM is not standardized

NelC applies Tieto PPS terminology.

*PPS:*

*Evaluate*

*Manage*

*Realise*

*PMI:*

*Identify*

*Execute*

*Sustain*





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