

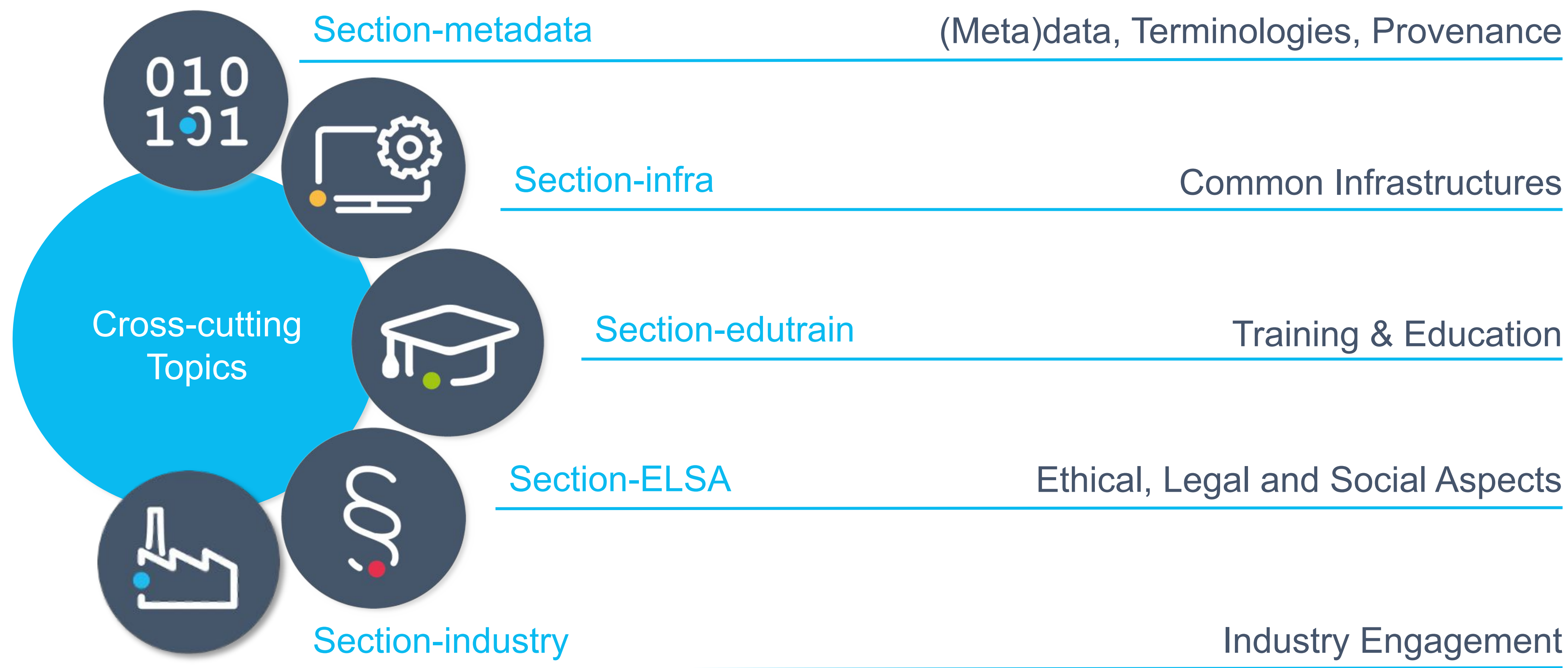
# Section Common Infrastructures

Dr. Michael Diepenbroek, Prof. Dr. Sonja Schimmler

06.10.2025



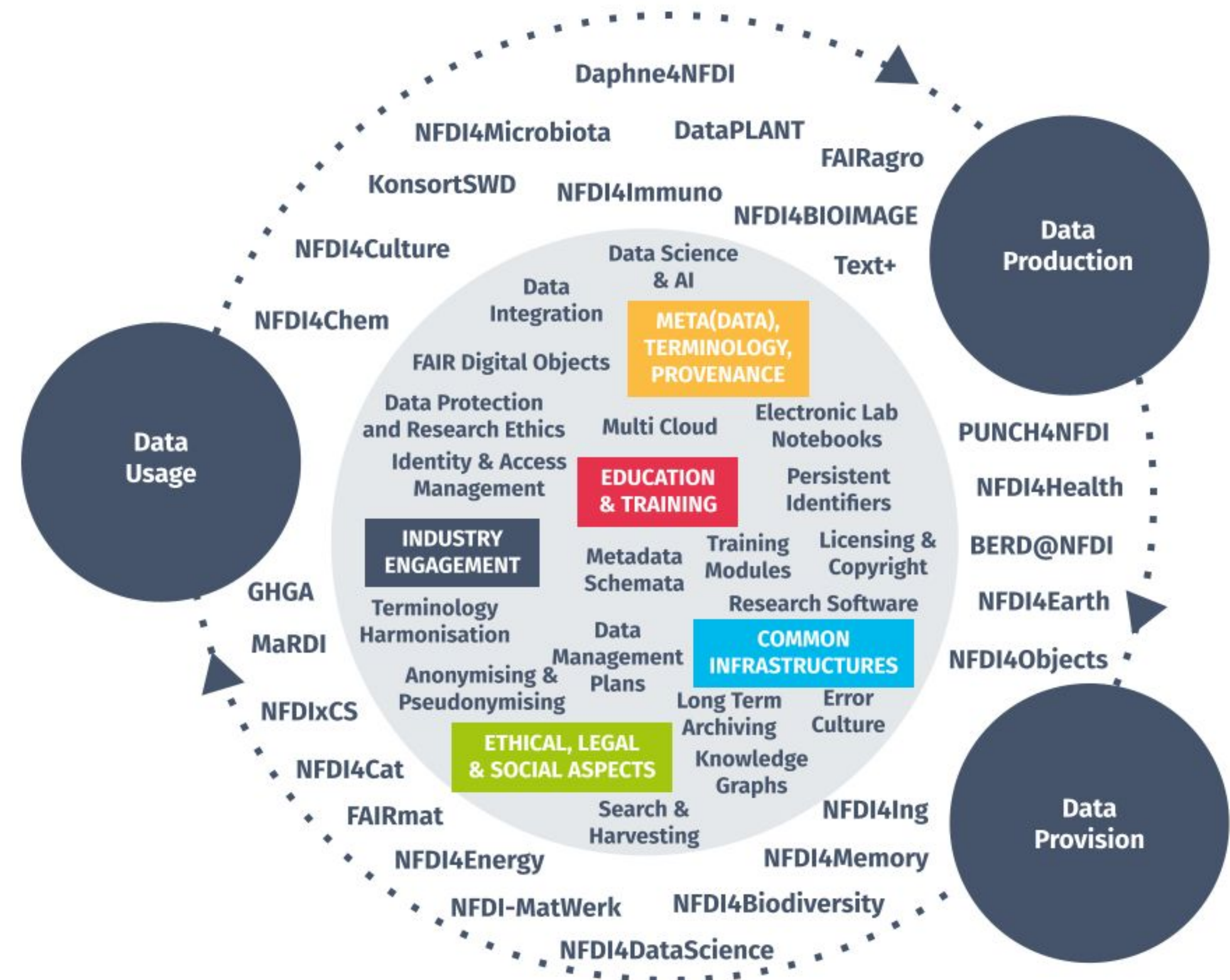
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- NFDI develops a comprehensive research data infrastructure for all researchers in Germany.
- The 26 NFDI consortia develop disciplinary solutions for research data management.

- Sections address cross-cutting topics within the NFDI
- All consortia collaborate within the Sections



# Section Common Infrastructures Overview

Founded in 2021  
> 220 members  
from > 110 institutions

10+1 working groups  
8 basic service proposals

Spokespersons:

- Sonja Schimmler and Michael Diepenbroek

Concept of the section:

- <https://doi.org/10.5281/zenodo.15000220>

More information regarding the sections:

- <https://www.nfdi.de/sections/?lang=en>



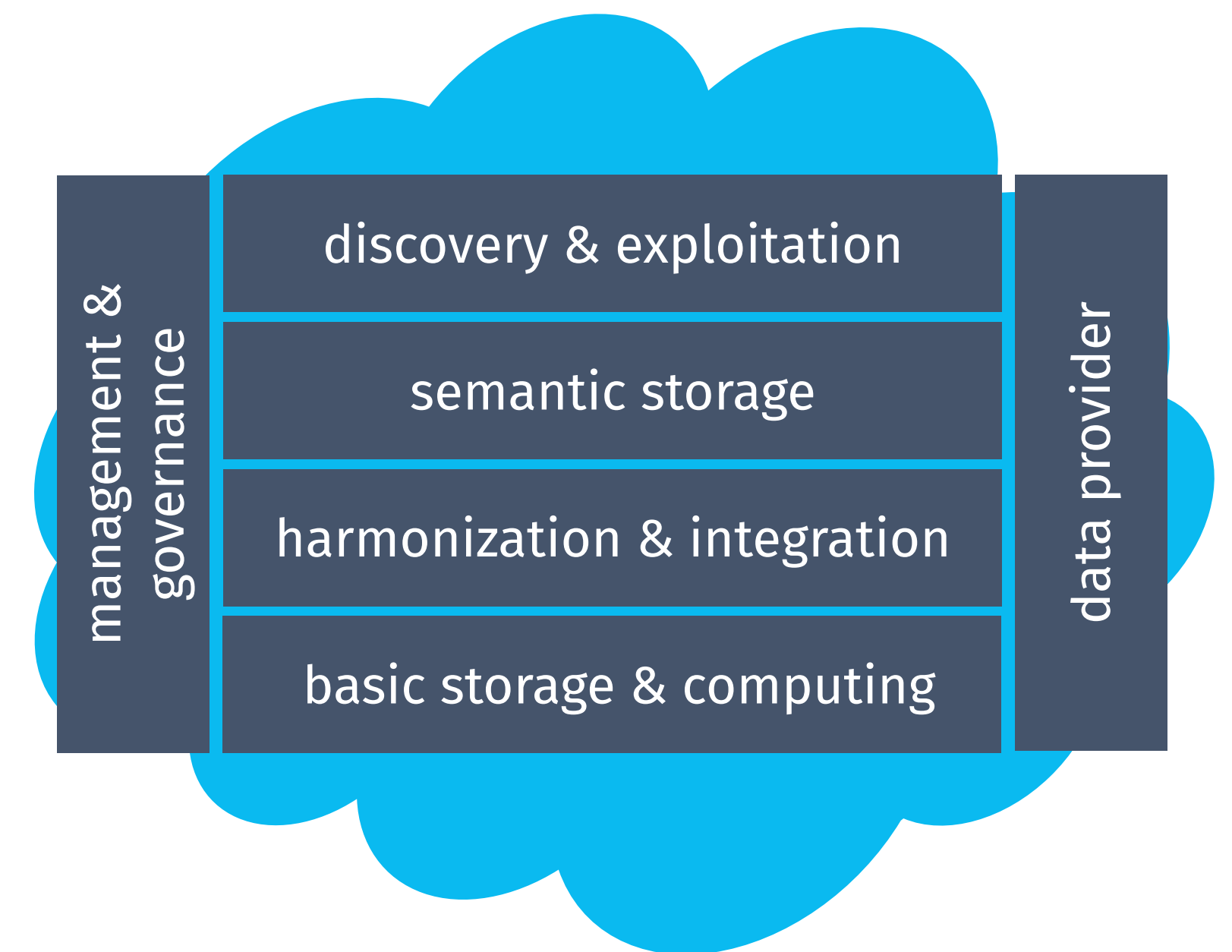
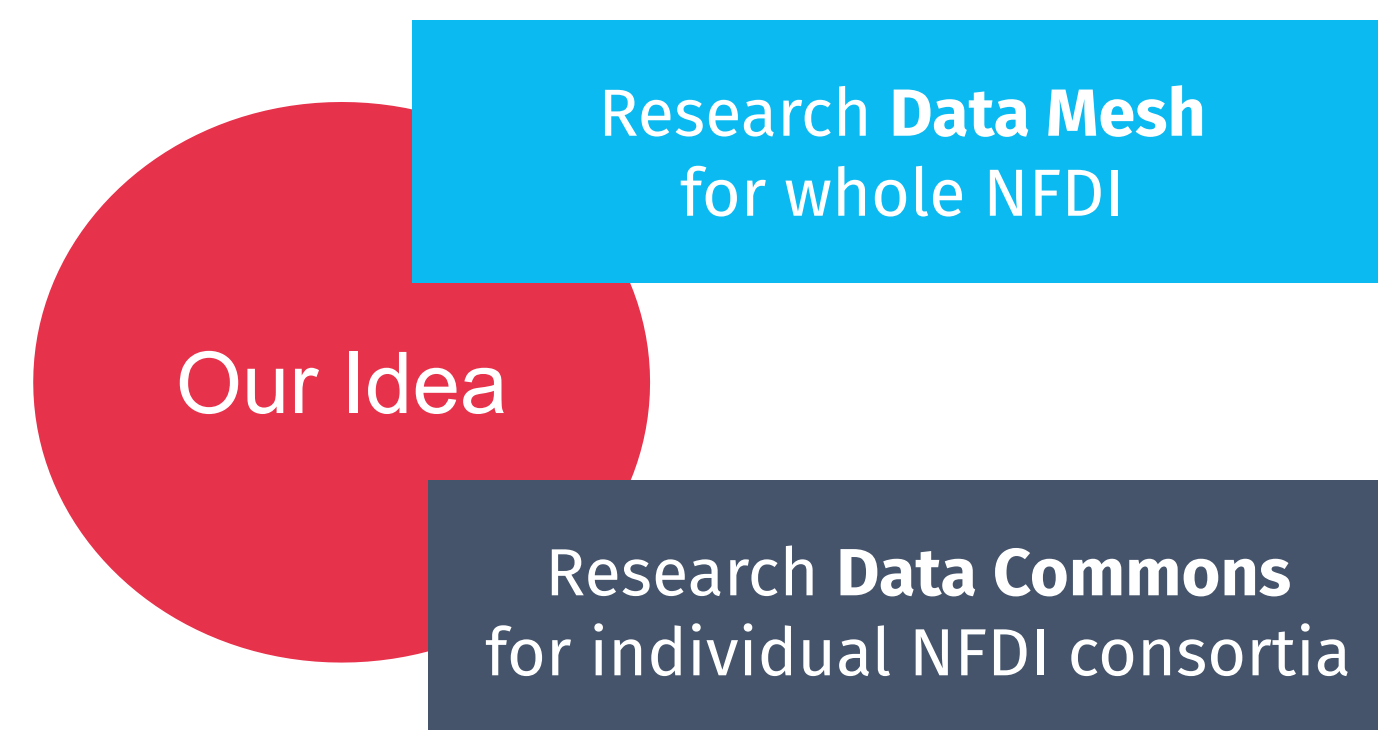
*“Identify, design and build  
federated infrastructures  
and software components.”*



# Section Common Infrastructures

## Overview

- Coordinate **federated infrastructures** and **software development** across NFDI consortia.
- Align **architectural concepts** of NFDI consortia.
- Establish a **Research Data Commons (RDC)**.
- Be home of **10+1 active working groups** on cross-cutting topics.
- Act as central hub for **basic service creation**.
- Build **sustainable technology partnerships**.
- Support NFDI as a **national EOSC node** and engaging with **external initiatives**.



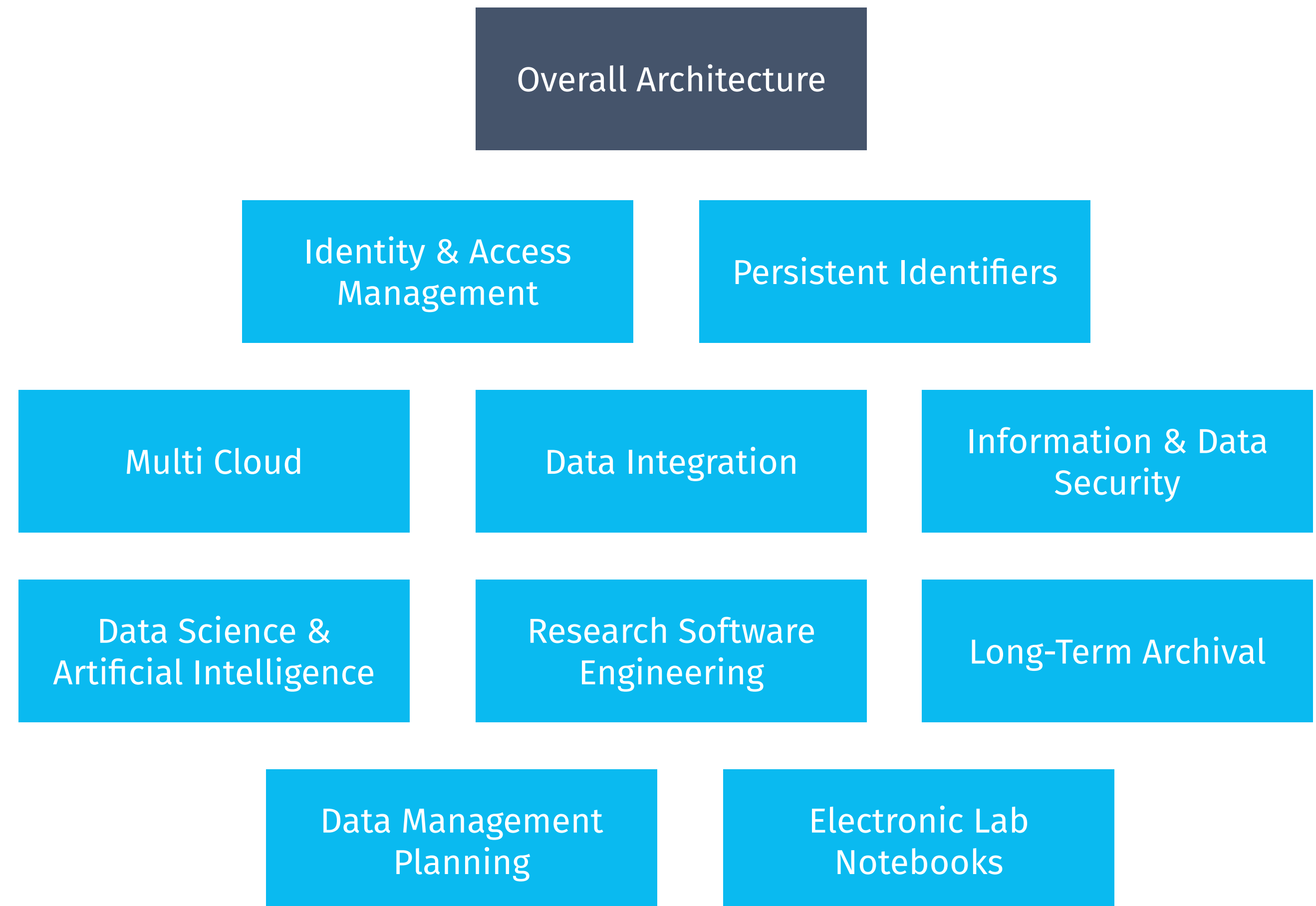
# Section Common Infrastructures Overview

## Structure

- 10+1 Working Groups

## Activities (highlights)

- Present results at CoRDI 2025
- Accompany DFG Storage Call
- Coordinate IAM4NFDI incubator projects



# Section Common Infrastructures

## Base4NFDI - Basic Services for NFDI

The section is responsible for six core basic services:

- nfdi.architecture (funded - special project)
- IAM4NFDI, PID4NFDI, DMP4NFDI (funded - integration phase)
- Jupyter4NFDI, nfdi.software (funded – initialization phase)

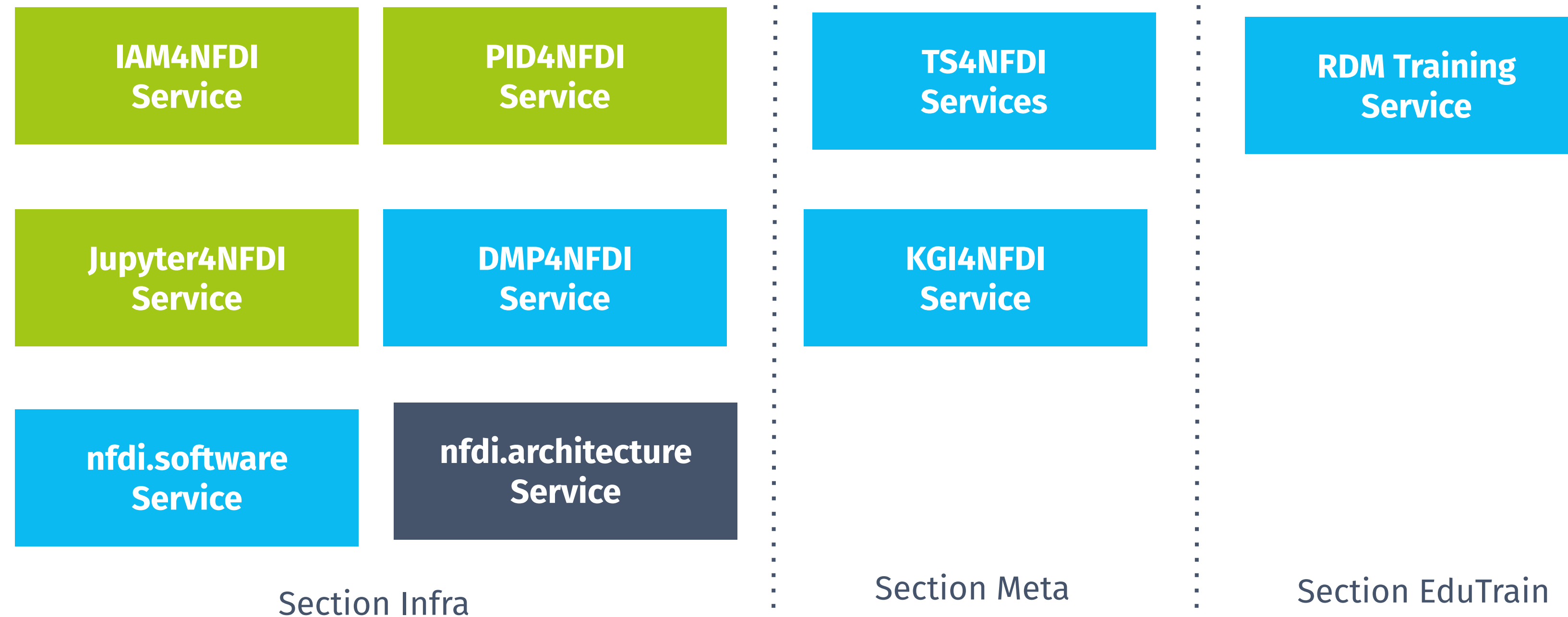
The role of the section:

- Section Working Groups
  - Prepare of basic service proposals
  - Accompany basic services
- Section
  - Present basic service proposals (decision)
  - Report on basic service progress at each phase end (decision)



# Base4NFDI

## Landscape of Basic Services





# Section Common Infrastructures

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