

Realising the FNH-RI: Roadmap

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Three ongoing tracks towards a FNH-RI

Design studies

- EuroDISH: Determinants – Intake – Status - Health
- RICHFIELDS: Focus on gap Determinants – Intake



I ESFRI proposal *Prospect Food Nutrition Health RI*

- Next round 2021, mature application
- Implementation governance structure
- Implementation finance structure



II Getting the FNH community in shape

- Preparing FNH-RI community for ESFRI-roadmap
- Political & financial support ESFRI roadmap applications (Ministries)
- Facilitate national nodes 2018-2020



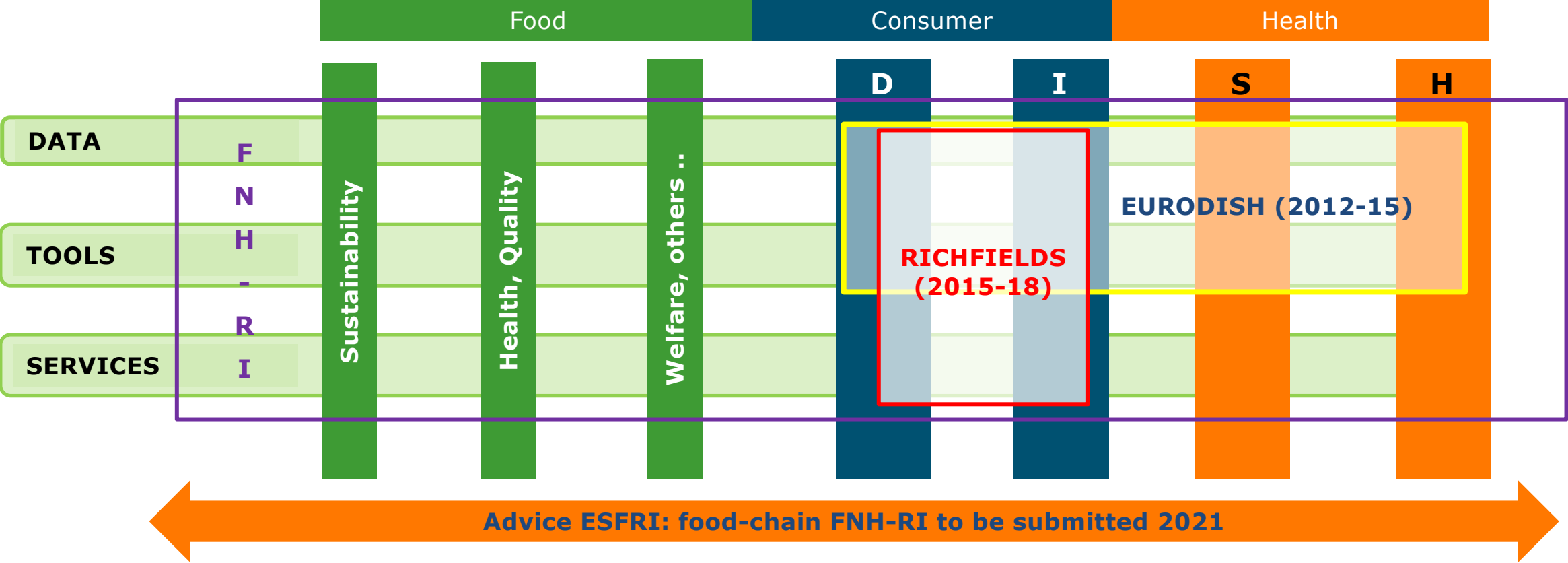
III Collaboration adjacent RI's within SWG Food & Health

- Preparing use cases to explore collaboration

I Prospect FNH-RI – application ESFRI Roadmap 2021

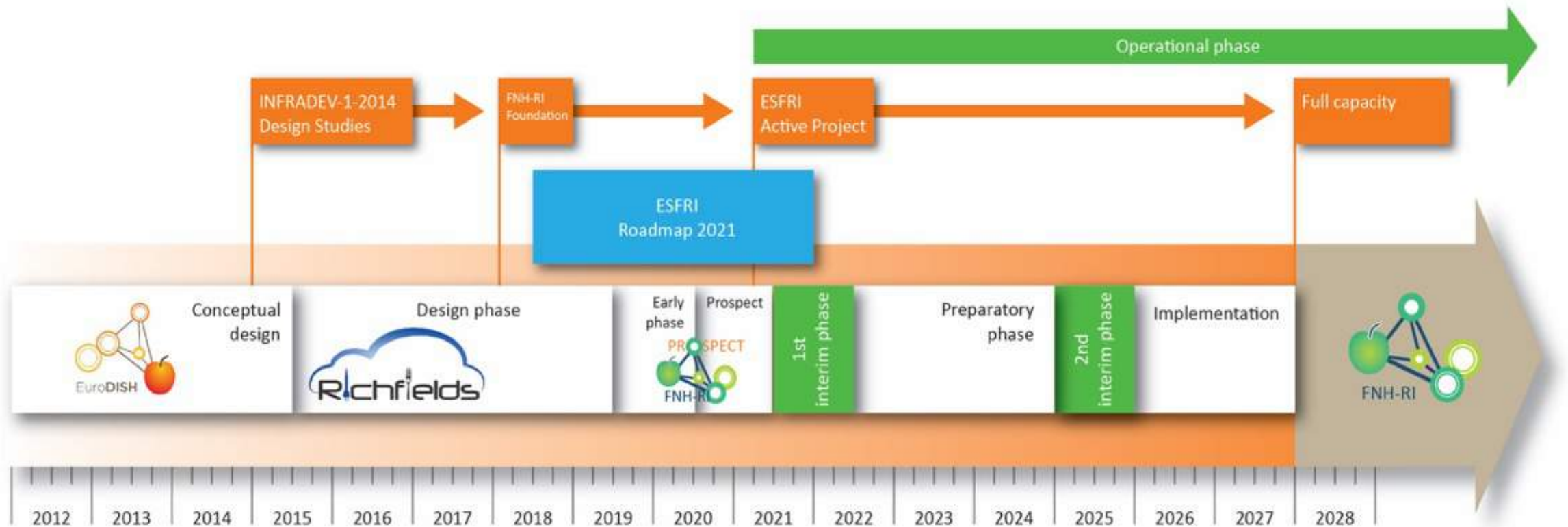


FNH-RI: Project family



Time line

Time line of the Food, Nutrition and Health RI



PROSPECT FNH-RI represents the ESFRI Roadmap application of FNH-RI

Part A: Involved MS, Consortium

Part B: Science case, Pan-European relevance, Socio-economic impact, E-needs and accessibility

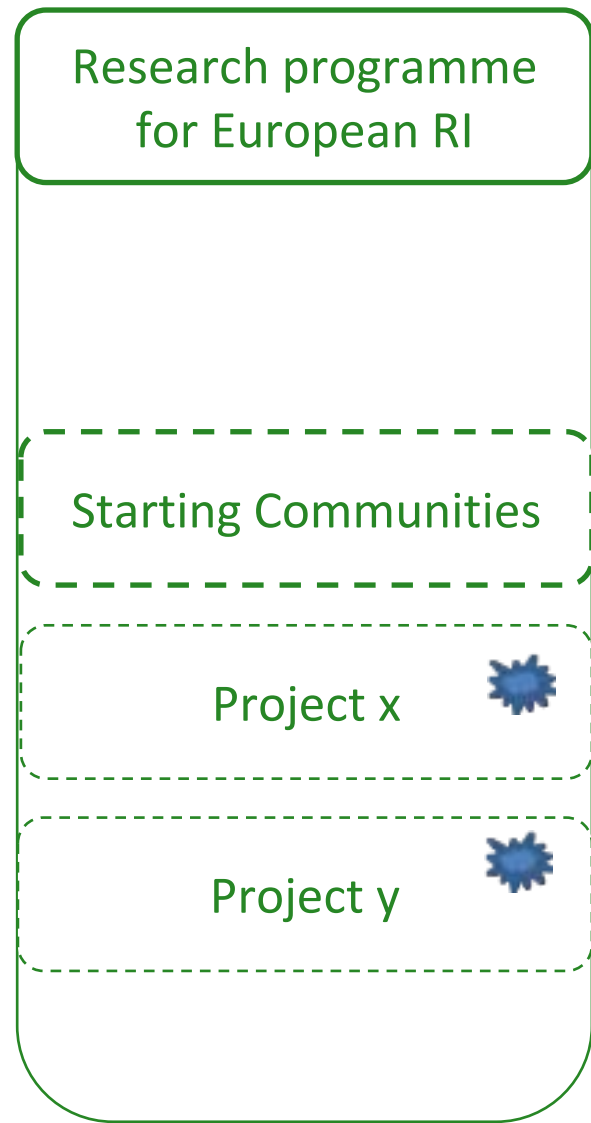
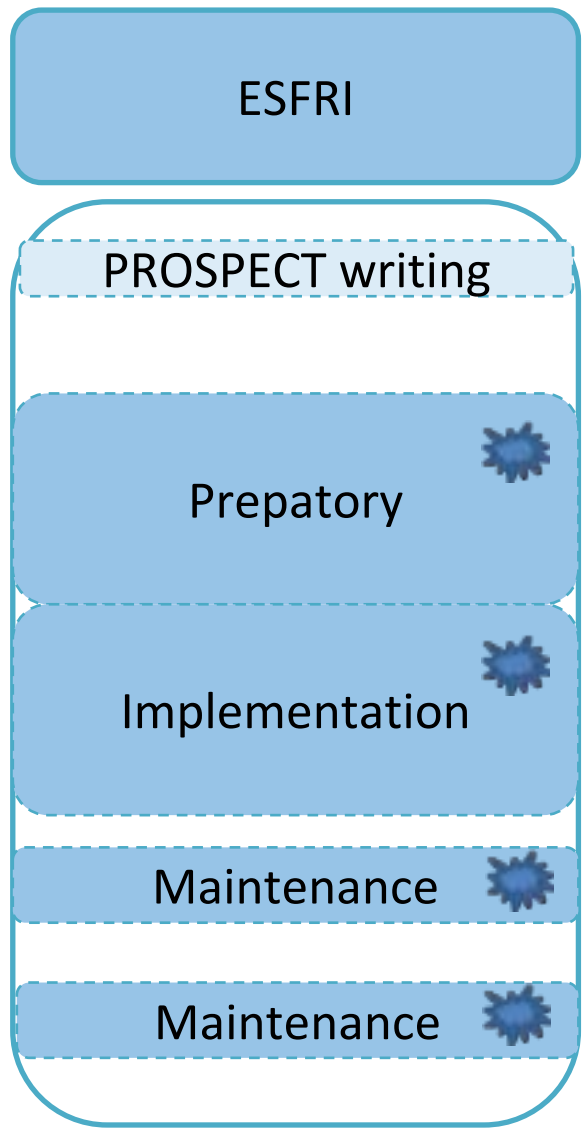
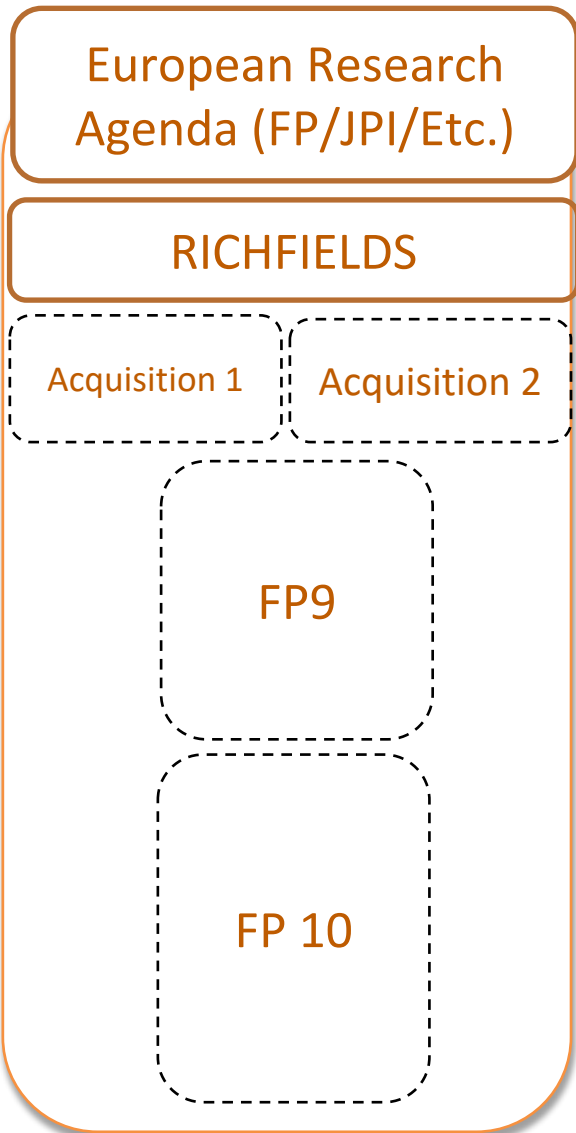


Part C: Stakeholder and user community, Governance and business model, HRM, Risk assessment, Planning and preliminary activities to move to a preparatory phase

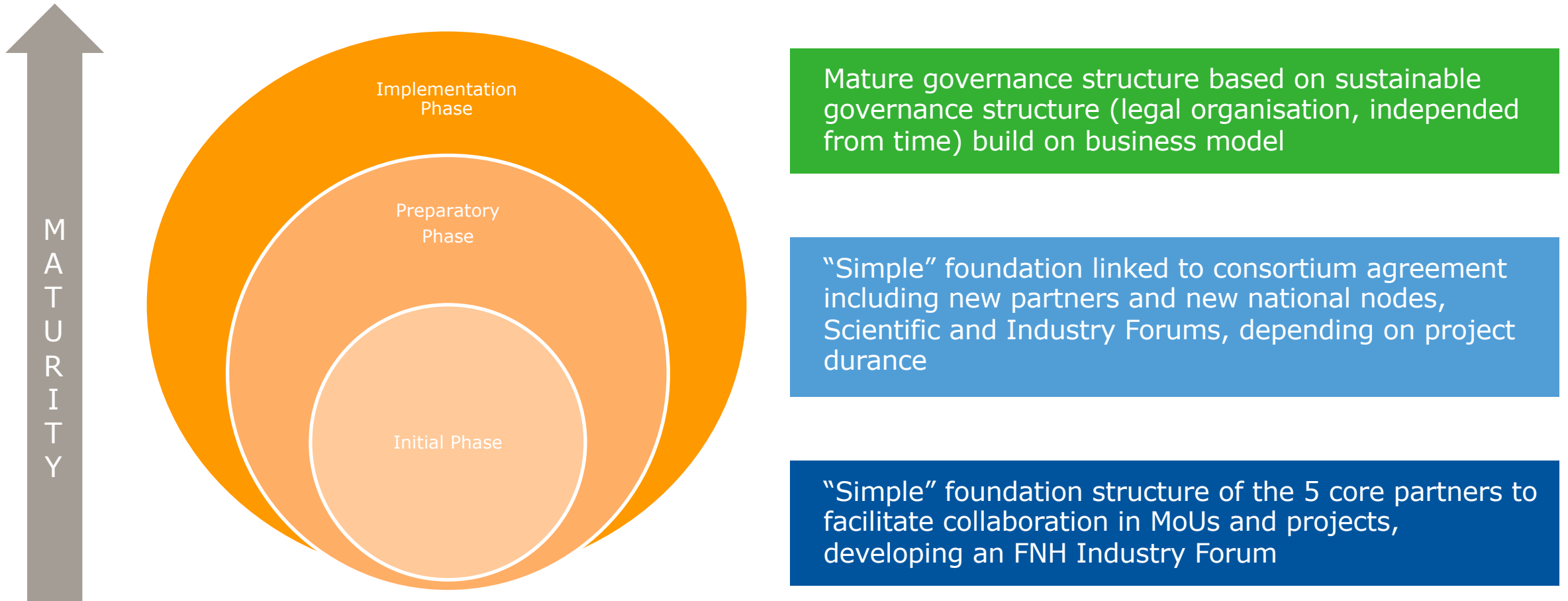
Moderator - Governance and Finance towards an agile process with different building blocks

ESFRI ROADMAP2021 and FNH-RI development

2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030



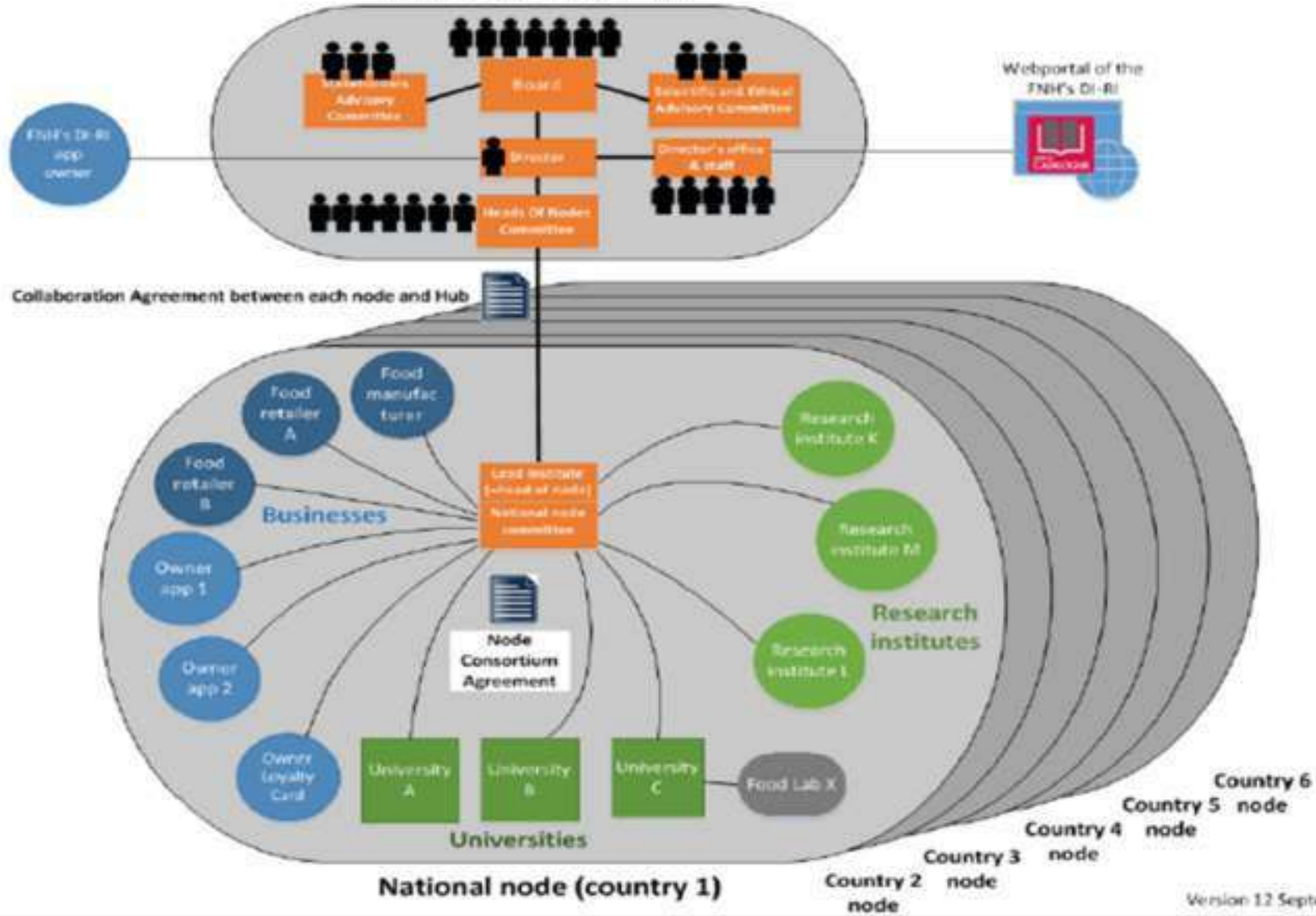
FNH-RI Roadmap to governance maturity



FNH-RI Foundation 2018 first legal step to solid governance

- Realise and sustain an European research infrastructure enabling MoUs and national nodes development
- Facilitate quality, cost effectiveness, and availability of resources in the research system
- Bring together expertise across disciplines, across public and private sectors

Hub of the FNH's DI-RI



Version 12 September 2018

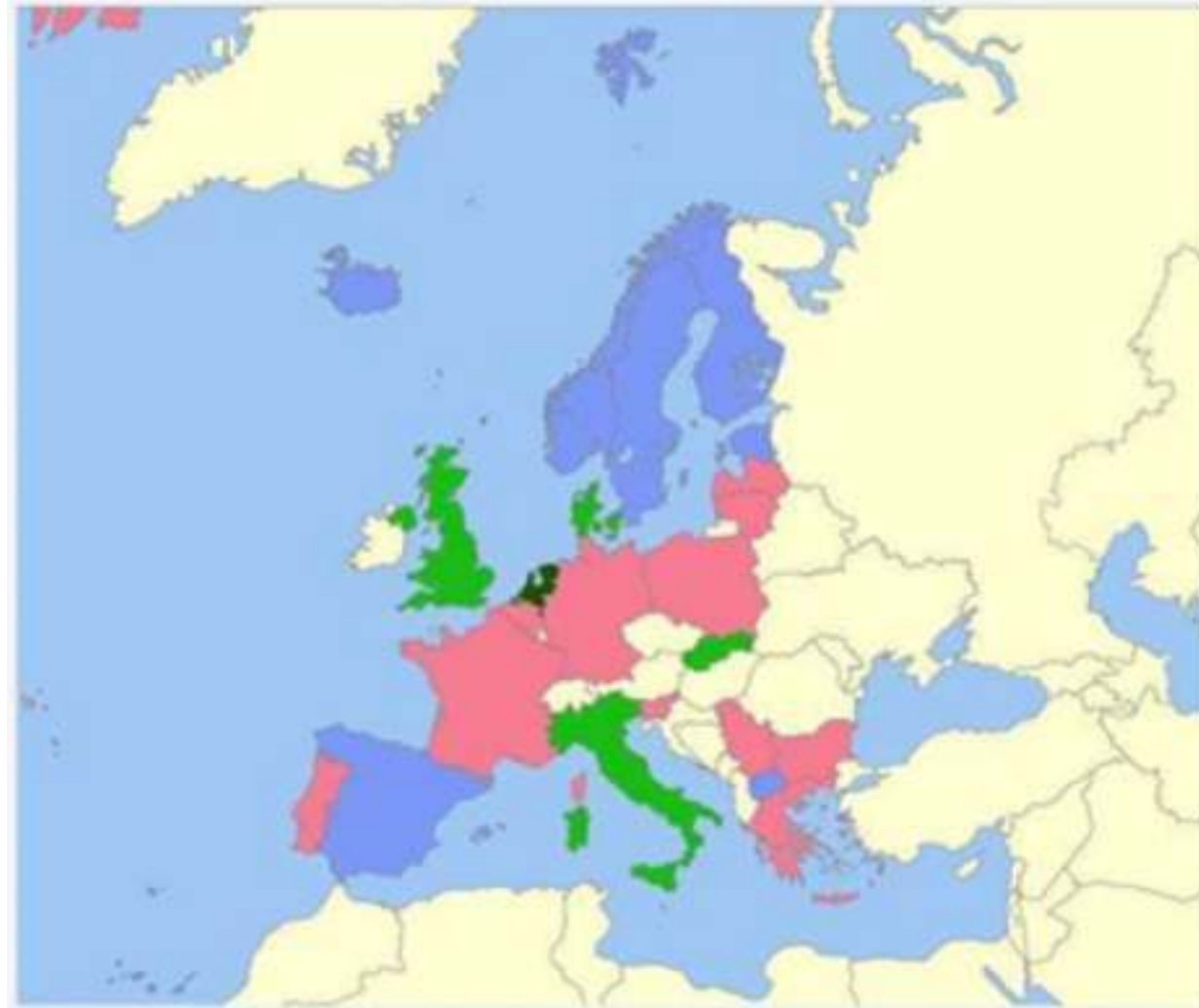
II Getting the FNH community in shape

FNH Community – national nodes

Countries	National Node
LEAD	DISH-NL
Prospective Countries	National Node
United Kingdom	(in progress)
Denmark	Foodhay
Italy	(in progress)
Slovakia	AgriBioFood
Macedonia	FNH-RI Node Macedonia
Prospective Countries in the making	National Node
Spain	(in progress)
Finland	(in progress)
Norway	Sustain Health
Sweden	Food Science Sweden
Iceland	(in progress)

Participants Europe	
France	(in progress)
Germany	(in progress)
Greece	(in progress)
Latvia	(in progress)
Lithuania	(in progress)
Bulgaria	(in progress)
Estonia	(in progress)
Portugal	(in progress)
Belgium	(in progress)
Serbia	(in progress)
Poland	(in progress)
Ireland	(in progress)
Participants Global	
Canada	no
Australia	no

State of play FNH-RI Community across Europe



Development of a FNH National Node

Step by Step – Establish a platform

Step 1: Find a lead institute/university

Step 2: Introduction workshop with broad invitations in the domain of food systems, consumer research, nutrition, preventive health (system)

Step 3: Find a joint interest in research and elaborate on it in terms of platform science case and RI

Step 4: Get acknowledgement by the relevant Ministry from perspective of the FNH-RI Science Case.

Development of a FNH National Node

Step by Step – National ESFRI ROADMAP

Step 5: Get acquainted with your national ESFRI representative.

Step 6: Apply to the National ESFRI Roadmap

If on the next National Roadmap:

Step 7: Apply for funding for your national proposal to align FNH-RI and FNH National Node initiatives

Step 8: Transfer the budget into a workplan for the platform members

Development of a FNH National Node

Step by Step – European FNH-RI

Step 9: The FNH National Node is represented in the FNH-RI Board

Step 10: FNH-RI Board will apply for the ESFRI ROADMAP 2021 and start writing in May 2018 as a consortium PROSPECT FNH-RI.

Step 11: On behalf of FNH community and FNH Board The Netherlands will submit the proposal to ESFRI in April/May 2020

Step 12: January 2021: Hearing. Decision about the ESFRI ROADMAP 2021 and FNH-RI. October 2021: ESFRI 2021 Roadmap will be launched.

III Collaboration adjacent RIs – within ESFRI SWG Food & Health Landscape

Adjacent RIs within SWG F&H to FNH-RI



FNH-RI and ELIXIR



- databases & tools catalogue (help desk)
- recommendations for data storage/transfer/access (FAIR)
- training and services

Project use cases 2018 approved by the ELIXIR board and FNH-RI Board, aiming to develop white paper (2019) about collaboration to be the basic strategy on collaboration for signing MoU

FNH-RI and METROFOOD



- member of stakeholder forum of METROFOOD
- standards on food safety, food quality and food data

When METROFOOD becomes a ERIC (2021) collaboration based on added value will be described in MoU. FNH-RI board will sign letter of cooperation in December 2018.

FNH-RI and ECRIN



- centres for nutrition in EU
- ontologies and standards for data
- training services



ECRIN was partner in EuroDISH and RICHFIELDS; already well defined collaboration strategy are in place. FNH Board can start preparation of a MoU. A use case (2019) will be developed on nutrition data base and ontologies

FNH-RI and BBMRI



- implementing GDPR – informed consent
- guidance on ethical, legal, and social issues when exchanging data

Invitation by BBMR to prepare use cases; FNH-RI Board need to assign this to researchers and experts of FNH-Community. Based on next steps the possibilities to develop a MoU will be explored.

Finally – Why join FNH-RI? Take home message:

- We need to have breakthroughs for food related societal challenges in the next 30 year - *FNH-RI is the fundament to build excellence science to get the FNH science community in shape;*
- We need to build on enriched data to fosters European and national food and health strategies by jointly work on excellent science knowledge translated to high impact solutions and innovations - *FNH-RI – as a tool- unites countries and enables collaboration across Europe and beyond;*
- We need to foster excellent science bridging national capacity and sharing survey's and facilities to strengthen transnational collaboration - *FNH-RI supports open science to foster comparison and enrichment of data, tools and services beyond national borders;*

Finally – Why join FNH-RI? Take home message:

- We need to answer complex European research and societal questions by multi-disciplinary collaboration of consumer science, food technology science, nutrition science and biomedical science to find holistic answers, beyond discipline's silos - *FNH-RI is the moderator for this as multi-disciplinary approach is the key stone of this RI;*
- We need to underpin the design of the diet of the future – *FNH-RI foster an unique European community and possible beyond to collect and connect data about the determinants of consumer food behaviour and dietary intake, not only as research data, but also individual data near time and on the spot.*

On behalf of all partners of the FNH-RI consortium and its partners from EuroDISH, DISH-RI and RICHFIELDS:

THANK YOU FOR YOUR ATTENTION



FNH-RI will underpin the design of our plate of the future