

ERA4Health Partnership

HealthEquity Infoday

MARÍA CRISTINA NIETO GARCÍA

ERA4Health Coordinator

INSTITUTE OF HEALTH CARLOS III (ISCIII)

26th January 2023

ERA4Health: Approach and objectives

This Partnership brings the opportunity to increase **European collaborative research funding** by creating a **funding body** for joint programming in priority areas addressing European Public Health Needs and set up Europe at the forefront of science and innovation in Health Research by 2050.

SO1. Support relevant **medical research** including clinical fields and intervention areas (prevention, diagnosis, treatment)

SO2. Improve the utilisation of existing **health technologies** in clinical practice

SO3. Build capacity, in particular in **conducting IICSs** at European scale

SO4. **Implement and develop RRI** in multiple ways (Partnership operationalization, calls, in project evaluation and monitoring)

ERA4Health: the context

- Majority of **European investments** in biomedical and health research belongs to MS
- Only **10%** of the overall European budget for biomedical and health R&D is considered **collaborative research** (from Framework Programme and European Partnerships)
- Council adopts conclusions on **new ERA**: commit **5%** of national public R&D funding to joint programmes and European partnerships by 2030
- 80% of partners (funders) in European Partnerships are the same (**duplication**)
- Number and thematic of European Partnerships are **limited**
- **New EU Clinical Trial regulation**: low-intervention clinical trials

ERA4Health Working Plan

- Flexible instrument for **joint programming** in European priority areas
- **Partners:** research and innovation funding organisations (national, regional, MS, AC, TC)

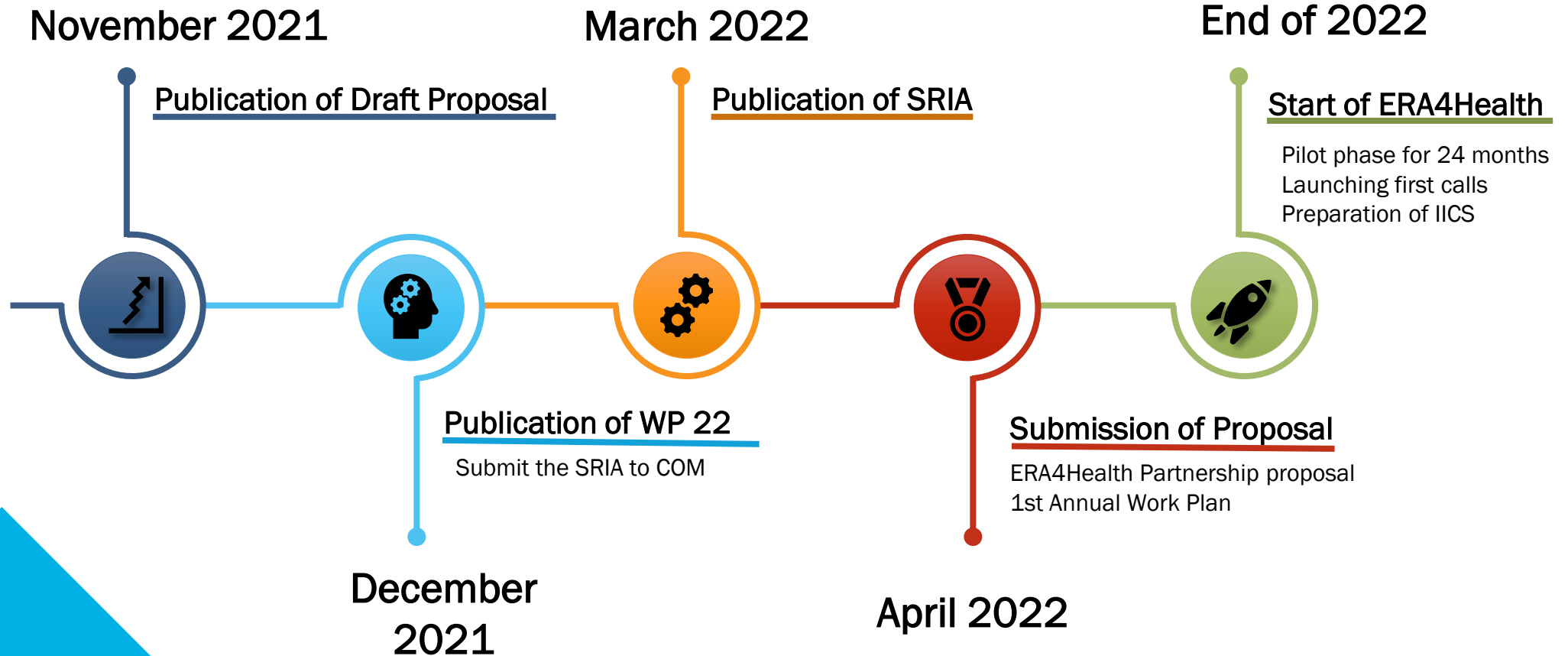
Phase 1

- Integrate existing initiatives and launching transnational calls in **nutrition, diet and healthy life styles, cardiovascular diseases and nanomedicine**
- Establish a framework to support multinational Investigator Initiated Clinical Studies (IICSs)
- Duration: **2 years**

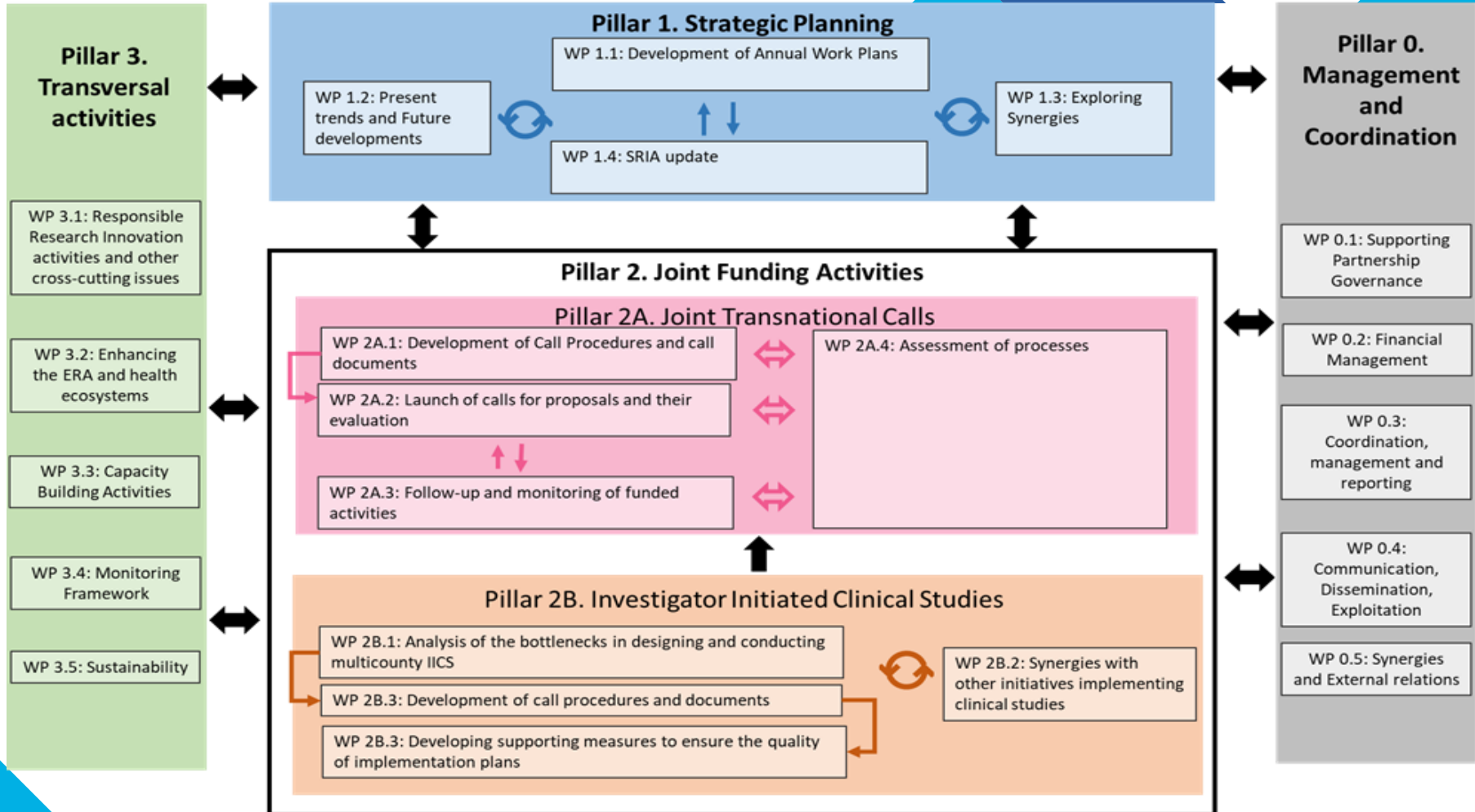
Phase 2

- Calls in priority areas
- **Calls for IICS** in Health Technologies addressing public health needs
- Duration: **5 years**

ERA4Health: preparation timeline



ERA4Health Project Structure



ERA4Health Consortia



- **32 Funding Organisations / Institutions** covering:
 - 17 of the actual 27 members of the European Union
 - 3 Third Countries associated to Horizon Europe (Israel, Norway, Turkey)
 - 2 Third countries (Egypt, Taiwan)
- **Different type of Funding Organisations:**
 - basic research
 - applied/translational research
 - clinical research
 - Mixed type of research

ERA4Health Synergies

- **EU funding programmes:** based on EU policies that will help define a relevant approach within each specific area and research priorities.
- **ERANETs/Joint Programming Initiatives (JPI)/European Joint Programme (EJP)/Partnerships:** For each annual programme elaborated by ERA4Health, a deep analysis and exchange of information will be carried out to avoid doubled funding. Besides that, an analysis of complementarities among funded projects will be carried out to foster connections among the consortia funded.
- **Other EU funding instruments:** information on complementarities with research priorities will be exchange to avoid duplications.
- **EU co-funding instruments:** promotion of regional/national complementarities with EU co-funding instruments to leverage EU funding.
- **European Research Infrastructures:** ECRIN, BBMRI, ELIXIR, INFRAFRONTIER, INSTRUMENT, EATRIS, EU-OPENSOURCE, EuroBioimaging, ERINHA, etc
- **EOSC** The European Open Science Cloud

ERA4Health Priority Research Areas

- 4 High Priority research areas
 1. Prevention and Public health strategies
 2. Nutrition- and lifestyle-related diseases
 3. Cardiovascular diseases
 4. Nano and advanced technologies for disease prevention, diagnostic and therapy
- Room for flexible funding topics e.g. Transversal approaches towards a better disease prevention, diagnostics and treatment, biomedical research domains not well covered, Intervention areas focused on target groups

Nutrition- and lifestyle-related diseases (ERA4Health SRIA)

- **Biology and basic science** (biomarkers of exposure and risk as well as the efficacy of food-based solutions; better understanding of the metabolism and the physiology of nutrients and nutrition-gut-metabolism interactions; cognitive control of dietary behaviour; nutritional factors influence on the immune response; etc).
- **Environments and sustainable diets** (food environments, healthy diets and physiological behaviour, chrononutrition, development of healthy sustainable diets, etc)
- **Applied science in the field of nutrition related to habitual diets and health care** (precision nutrition, improvement of obesity treatment, metabolic, physiologic and health consequences of alternate living and eating behaviours, etc)



Thank you

MARÍA CRISTINA NIETO GARCÍA

ERA4Health Coordinator

Institute of Health Carlos III (ISCIII)

ERA4Health@isciii.es

“Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or HADEA. Neither the European Union nor the granting authority can be held responsible for them.”

