EPTRI project to underpin medicines development to paediatric clinical studies

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European Paediatric Translational Research Infrastructure

- Needs
- Context
- Actions

Needs

- Therapeutic needs that require:
- Medicines for infants, children and young people that have been evaluated

Steps in the evaluation of medicines

| Step | Active player | EnprEMA |
|--|--|---------|
| Identification of therapeutic need | Professional Associations; Patient advocates | |
| Identification of new, or repurposed, medicine to meet a need | Professional Associations; Patient advocates | |
| Preparation of medicine for administration to infants, children and young people | Sponsor / EPTRI | EnprEMA |
| Pre-clinical testing of medicine | Sponsor / EPTRI | EnprEMA |
| Clinical testing of medicine | Sponsor / c4c | EnprEMA |
| Defining costs of medicine | HTA (???) | |
| Specification of when to use the medicine | Professional Associations; Patient advocates | |

WHITE PAPER

Good Practices in Model-Informed Drug Discovery and Development: Practice, Application, and Documentation

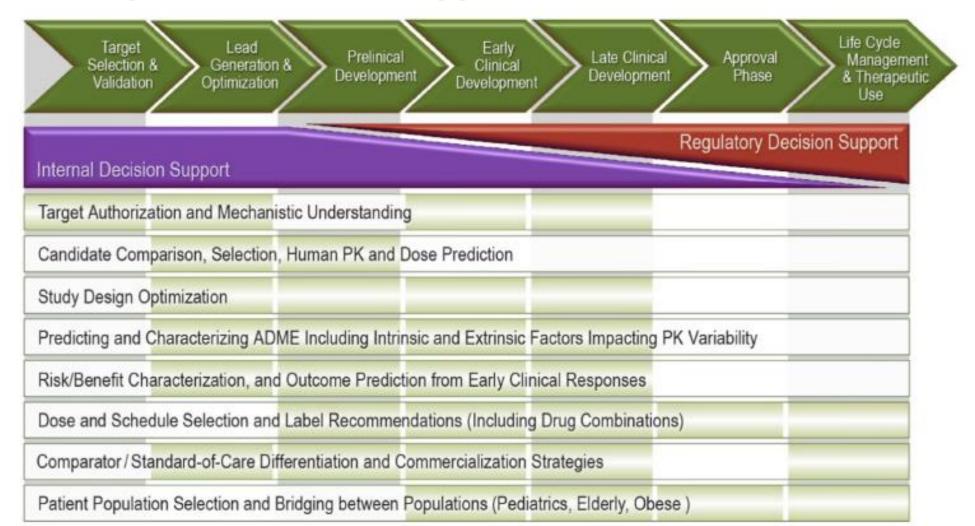
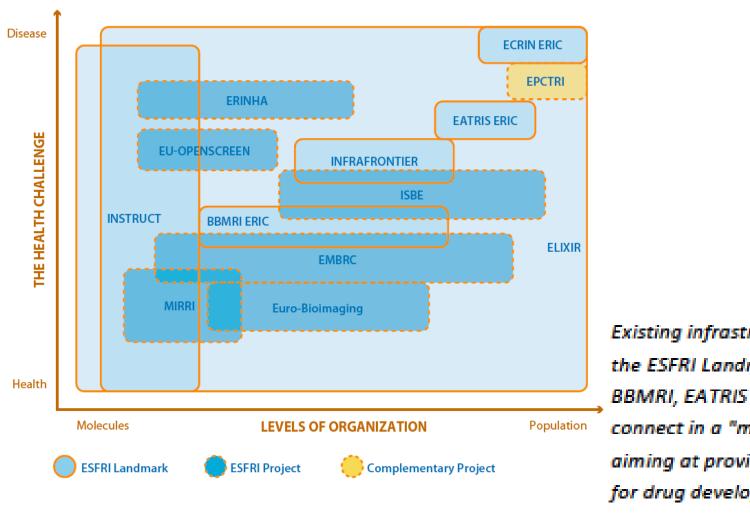


Figure 3: the indicative position of ESFRI RIs relative to the different levels of organisation in the Health domain.



Existing infrastructures such as the ESFRI Landmarks ECRIN, BBMRI, EATRIS and others could connect in a "meta---structure" aiming at providing a full pipeline for drug development.

Research Infrastructure

- Idea
- Plan
 - Conceptual Design Report
- Setup
- Evaluate
- Continue
 - E.g. as European Research Infrastructure Cosortium



Horizon 2020

Call: H2020-INFRADEV-2016-2017

(Development and long-term sustainability of new pan-European research infrastructures)

Topic: INFRADEV-01-2017

Type of action: RIA

(Research and Innovation action)

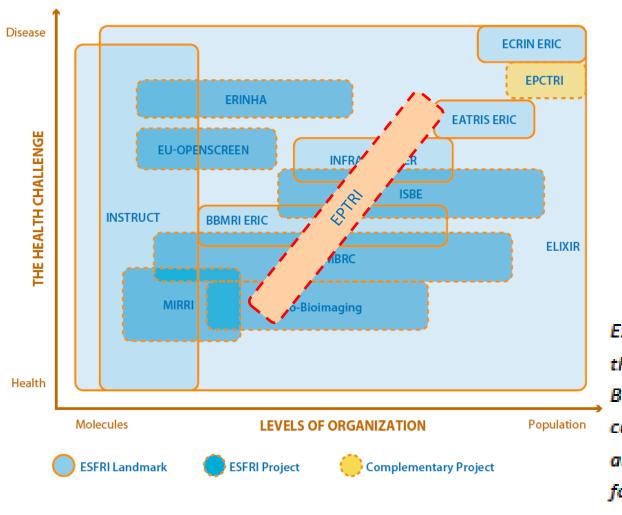
Proposal number: 777554

Proposal acronym: ID-EPTRI

Deadline Id: H2020-INFRADEV-2017-1

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Specialty networks

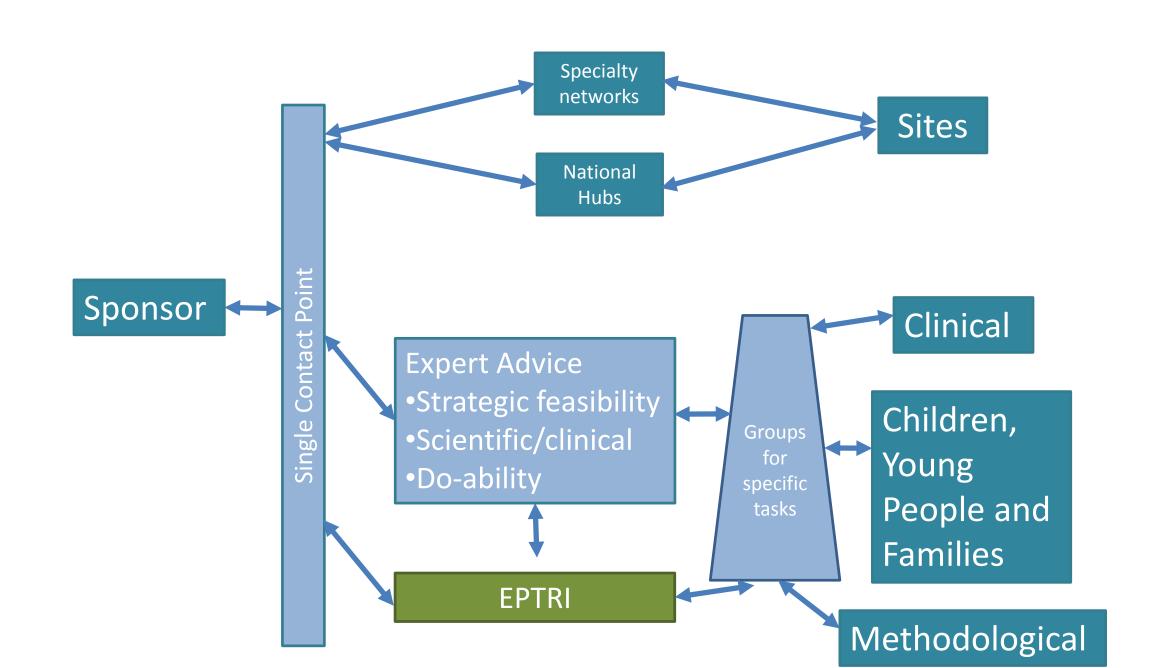
National Hubs Sites

Sponsor

Clinical

Children,
Young
People and
Families

Methodological



BBMRI

EATRIS

ECRIN

ELIXIR

INFRAFRONTIER

...OTHERS

INTEGRATED PAEDIATRIC RESEARCH PLATFORM

THEMATIC PLATFORM ON FORMULATION SCIENCE THEMATIC PLATFORM SUPPORTING BIOMARKERS DISCOVERY AND USE IN PAEDIATRIC MEDICINES DEVELOPMENT

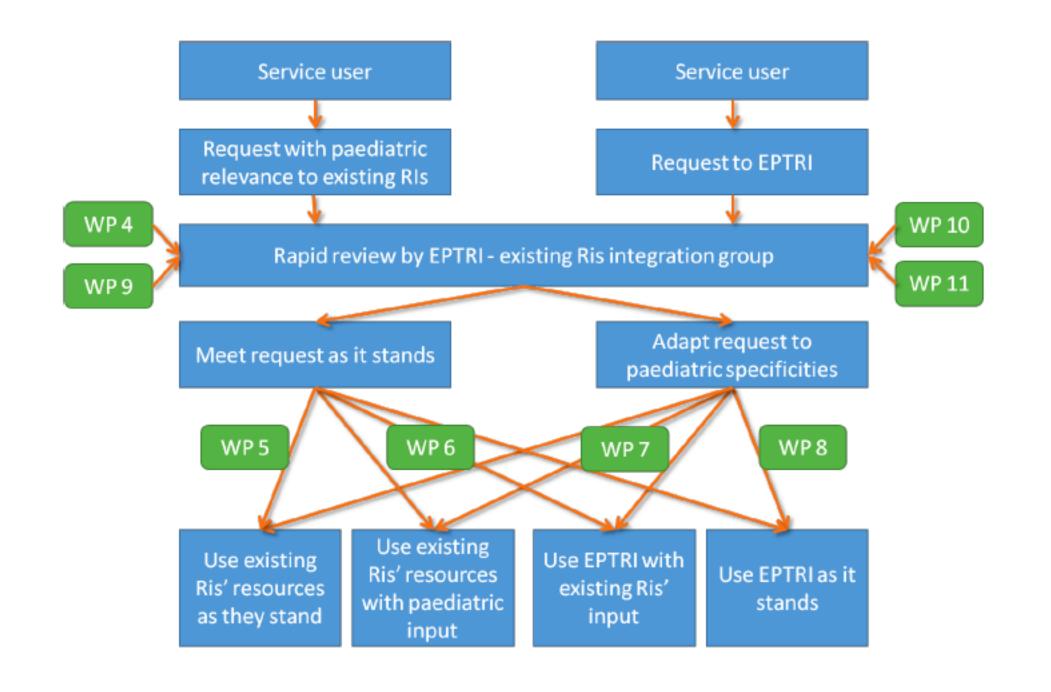
THEMATIC PLATFORM ON PAEDIATRIC PHARMACOLOGY

THEMATIC PLATFORM SUPPORTING PAEDIATRIC MEDICINES DISCOVERY AND EARLY DEVELOPMENTAL PHASE THEMATIC PLATFORM TO RELATE WORK THAT UNDERPINS MEDICINES DEVELOPMENT TO PAEDIATRIC CLINICAL STUDIES

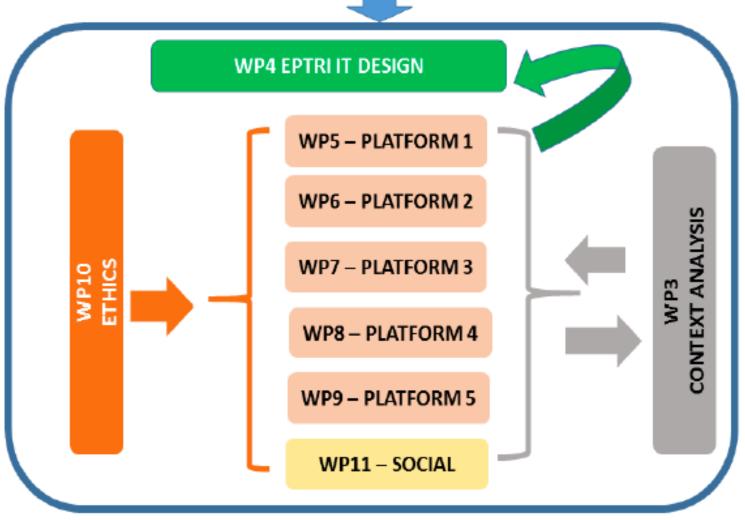
NATIONAL AND REGIONAL CONTACT POINTS



PAEDIATRIC EXPERTISE (NATIONAL NETWORKS, RESEARCH CONSORTIA, ETC.)



WP1 ID-EPTRI COORDINATION & MANAGEMENT





WP2 EPTRI GOVERNANCE AND SUSTANAIBILITY DESIGN