

Proposal for a European Public Health Research Infrastructure for Sharing of health and Medical administrative data (PHRIMA)

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- Health and medical administrative data is accumulating.
- Gap in the roadmap of ESFRI (European Strategy Forum on Research Infrastructures) research infrastructures (RI).
- 13 ESFRI infrastructures for biomedical sciences
- But no coverage of the area of secondary use of administrative health data useful for epidemiological and public health research.
- PHRIMA a consortium will address this gap.
- Preparation for a new RI to deal with the secondary use of medical and administrative health data.



Infrastructures

ANAE: Ecosystems
 BBMRI: Biomolecular Resources
 EATRIS: Translational Research
 ECRIN: Clinical Research
 ELIXIR: Biological Information
 EMBCR: Marine Biological Resource
 ERINHA: Highly Pathogenic Agents
 EU-OPENSREEN: Chemical Biology
 EURO BIOIMAGING
 INFRAFRONTIER: Model Mammalian Gen.
 INSTRUCT: Structural Biology
 ISBE: Systems Biology-Europe
 MIRRI: Microbial

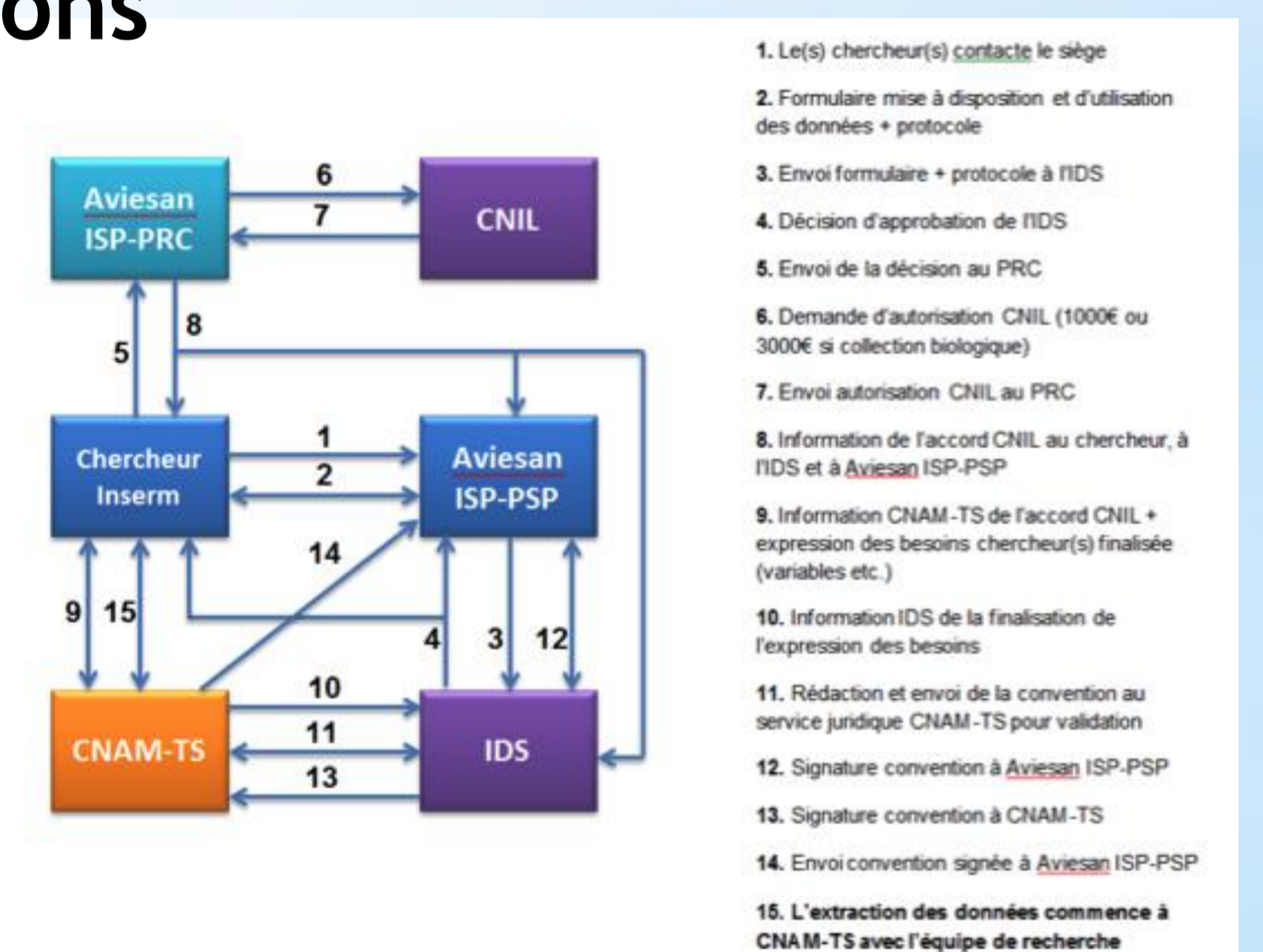
Creation of a secure environment relying on:

- Infrastructure of interoperable data nodes that implement global data security solutions.
- Ethical and legal issues related to data privacy and data property.
- Technologies for sharing data at a international level.

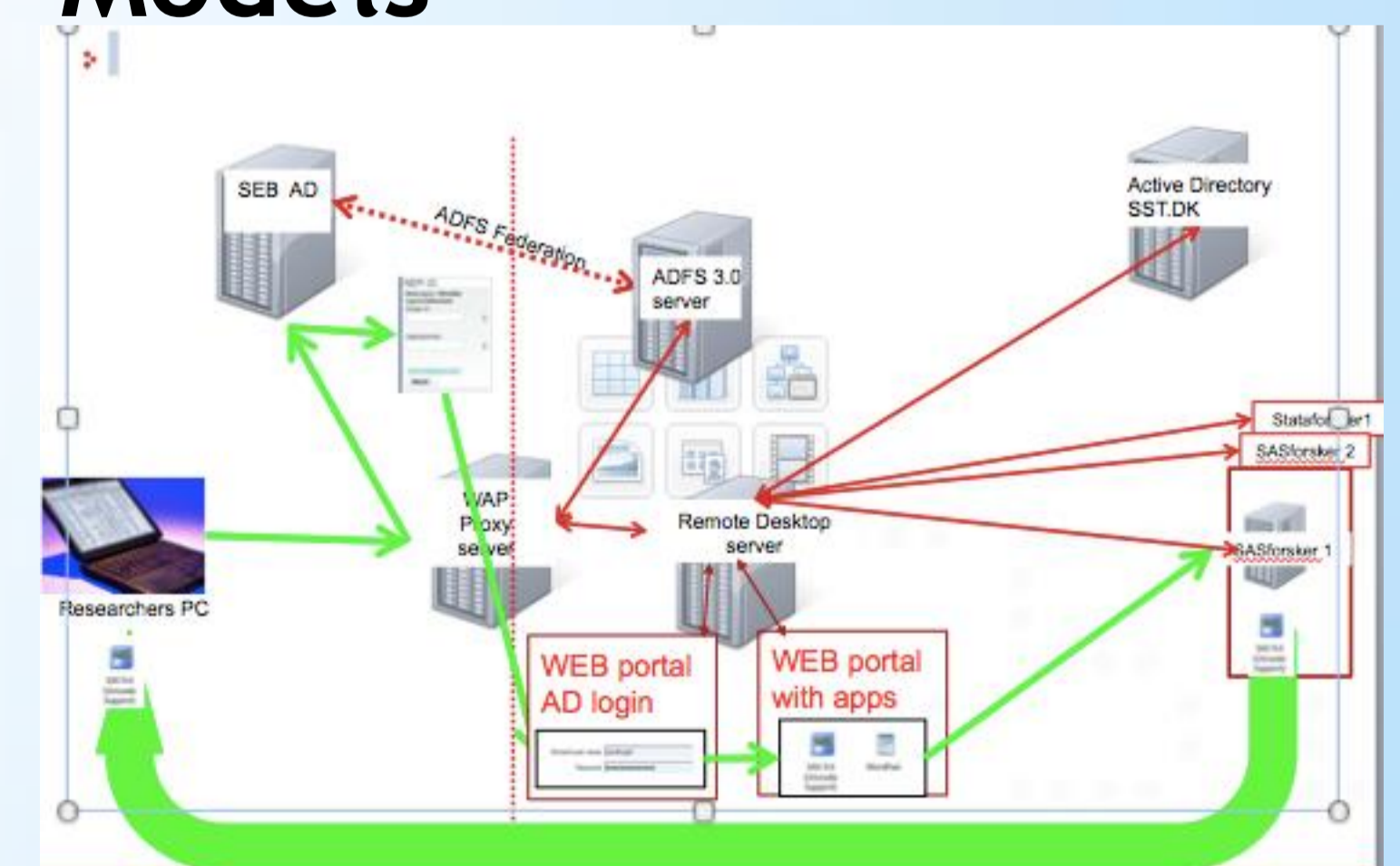
The planned new RI can only be achieved by:

- Building on cooperation with existing RIs (ECRIN, EATRIS, CORBEL), to find possible sites to set up nodes for data storage and data sharing.
- Targeting specifically national databases
- Joining efforts of the epidemiological research community with the medical informatics research community
- Collaboration with e-infrastructure

Organizations



Models



PHRIMA is an opportunity to participate in the planning of a new RI for sharing of medical data, extending to patient and population cohorts. First plenary PHRIMA meeting is in Paris, January 10th, 2017.

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