



Health & Food Strategy Working Group

Parallel Session 2: Food Security

Perspectives and Evolving Landscape

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Anatolia

Fertile crescent

Kargamış, 1300 BC



ESFRI – Health and Food Domain Projects

Roadmap 2006

- BBMRI - Biobanking and Biomolecular Resources Research Infrastructure
- EATRIS - Translational research facilities in Medicine
- ECRIN - Clinical trial platform
- ELIXIR – Data repositories and processing
- Infrafrontier - Mouse archives and clinics
- INSTRUCT - Structural biology facilities



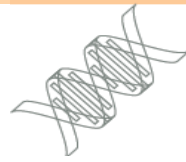
+ Update 2008

- EMBRC - European Marine Biological Resource Centre
- ERINHA - High-security labs
- EuroBioImaging – Imaging facilities
- EU-Openscreen - Chemical libraries



+ Update 2010

- ANAE - Analysis and experimentation on ecosystems
- ISBE – Infrastructure for systems biology
- MIRRI – Microbial resources



"Expanding cooperation in health and food sciences"

Joint workshop of the ESFRI research infrastructures, joint programming initiatives such as ERA-NETs and TFEU art 185 initiatives meeting the H&F thematic challenges (October 2013)

- a)** Ideas about “linking”, “joining” and the concept of “RI.inside”
- b)** alignment and cross-cutting issues (such as data stewardship), and relation to private partners/industry
 - Food security, agriculture and climate change
 - Food nutrition and health, food processing, food chain
 - Industrial biotech, biorenewables

RIs inside

HJPI HDHL

Strongly related to theme food

JPI FACCE: mapped ERA-NETS and RIs to their needs (i.e. implement FACCE SRA.

JPI OCEANS

SUSFOOD

ERASynBio

ERA CAPS

ETCETERA

Food

Agriculture

(staple crops, horticulture, forestry, animal sector, etc)

Marine, aquaculture, fisheries

Renewables

Industrial Biotech

Natural resources & ecosystems & biodiversity

ELIXIR: data that goes in various JPI programmes. Various national nodes are involved in various programmes: e.g. FACCE, JPND, OCEANS, Water, MYBL

EUROPENSCREEN: offers service portfolio interesting for many JPIs and ERA-NETs

ANAEE: together with FACCE in dialog tuned demand and services

ISBE: relevant to many JPIS and ERA-NETs

ETCETERA

Programmes

Agro Eco Systems Themes

infrastructures



















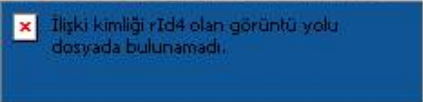








(P2Ps have the SRAs and implement transnational programmes) (generic and specific; new and existing; national and EU)

also EATRIS, ECRIN and BBMRI and others ...

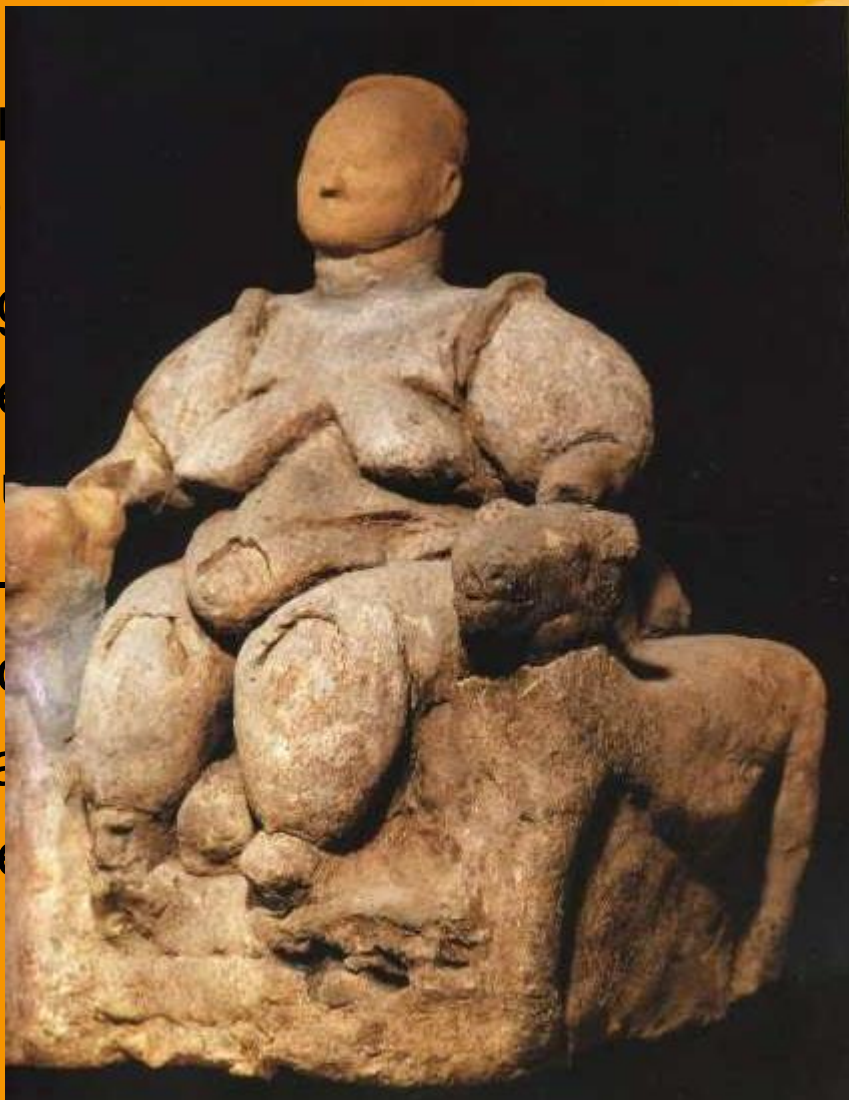
Thematic research and ESFRI RIs: matrix model and examples ...

Cluster, coord.
body, other ?

Food
Security

disease or cross-cutting pertinent RIs	trans- lational medicine ?	... research	... medicine
				
				
				
				
				
				
				

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Environment
 s' allergy, sleep

security

experi
 cel)

Jour





Thanks to Thank you

Gabriela Pastor
Andreas Holtel
Rafael de Andres Medina
Giorgio Clarotti
Ronald Frank
Nicolas Page
Annette Kremser
Evan O'Connell
Peter Keet
Beatrice Darcy-Vrillon

Sarah More

Abad O

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