

Rationales: Why ERA?

- New vision vs. rethinking of ERA: wider engagement, relevance, specificities
- Grand Challenges:
 - European or Global: entail opportunities/need to address knowledge divide
 - Smart goals realistic & relevant to society, linked to innovation clusters, practical mini-challenges, workable allowing early successes, retroanalysis
 - Mission impossible: implementation concerns: how to convince politicians, and mobilise resources & ensure efficiency of ecosystem
 - Defining a Roadmap and shared vision: role of foresight/early warning
- Research and innovation ecosystem: re-conceptualising fragmentation:
 - sub-criticality: how to improve efficiency of public research system and quality of research. Dodos: cut actions which are extinct
 - Coordination: how to convince MS to work together on policies which go beyond research but involving research: increased coordination burden
 - Redefine cohesion in ecosystem: worldclass research requires scale/focus; access to knowledge and opportunity rather than equal distribution;
 - Exploiting proximities for knowledge exchange: virtual proximity
- Watch-outs:
 - Complexity of comparisons: emulating US dynamism not simplistic transfer;
 - European area of researchers vs links to innovation and broader policies
 - Progress: patience; measurement, ERA branding for later stages