

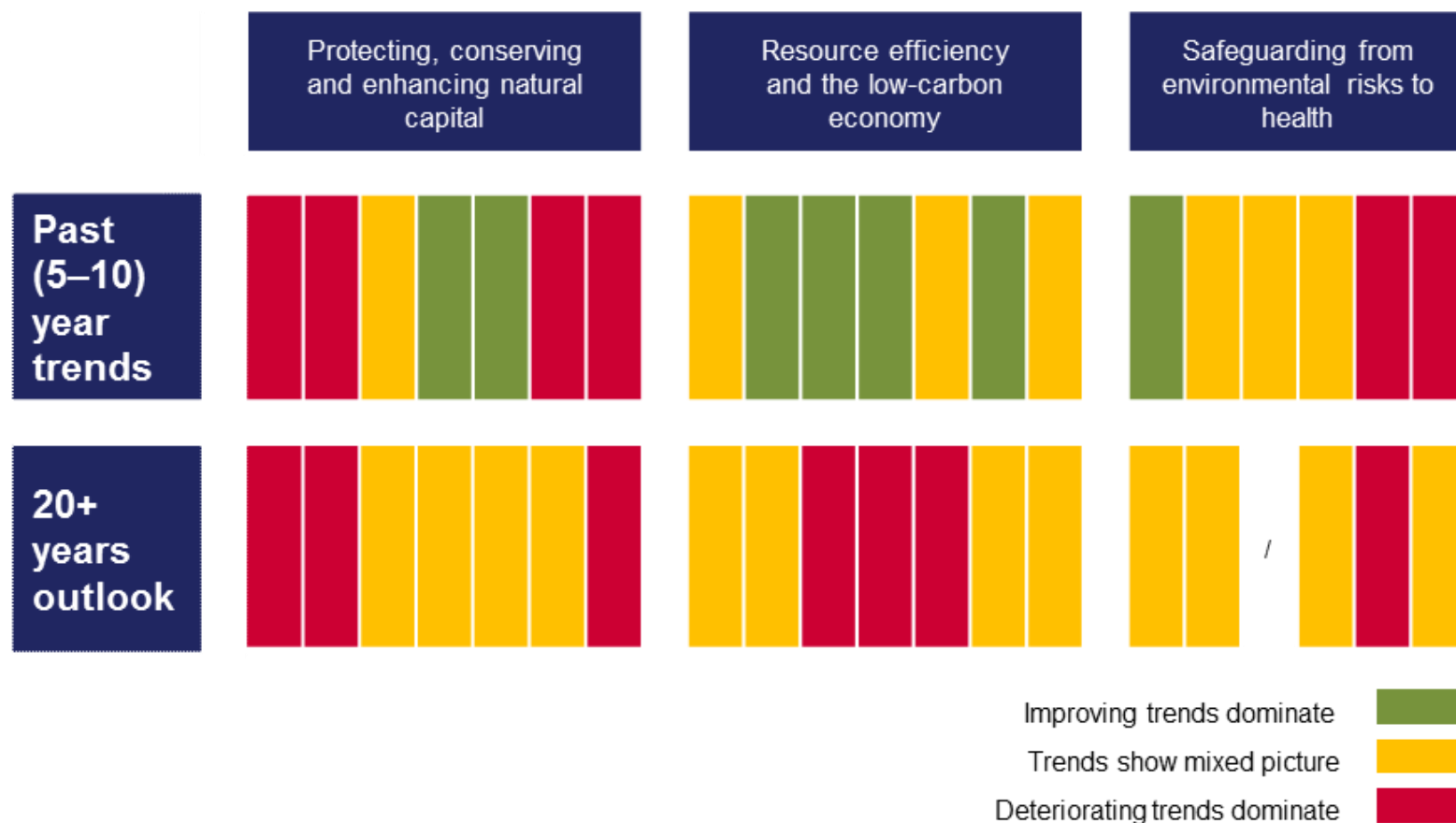
Key Environmental Problems: Main Areas for Action



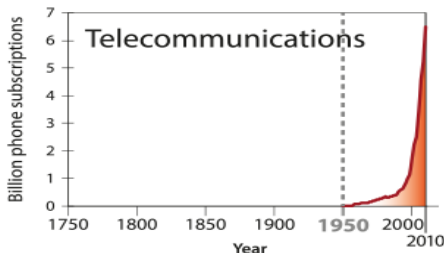
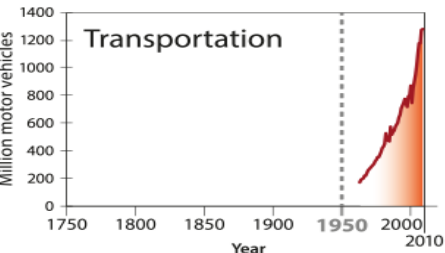
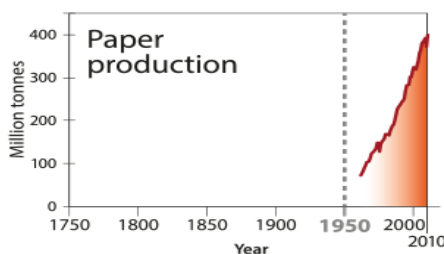
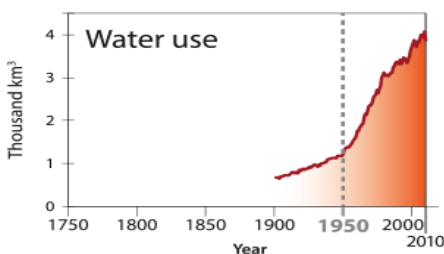
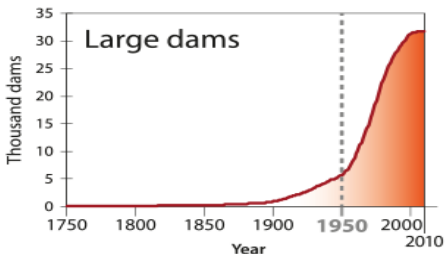
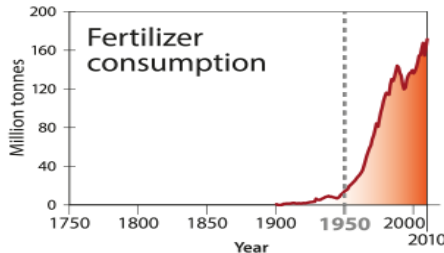
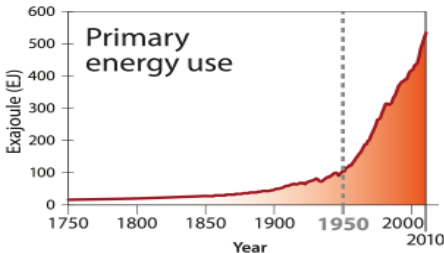
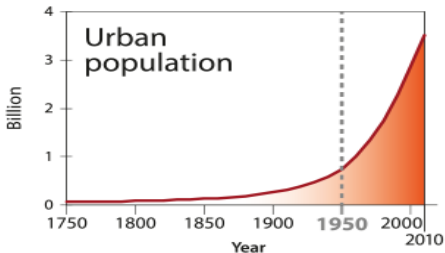
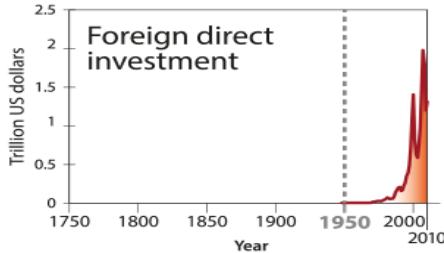
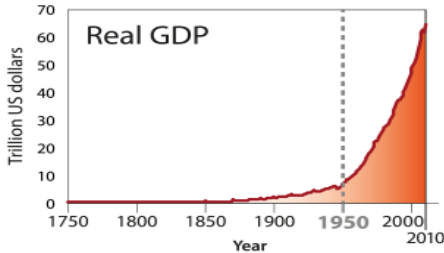
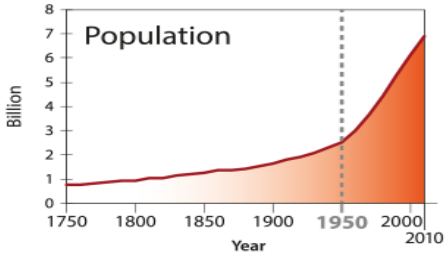
Jock Martin, 13 June 2018

SOER 2015: The overall picture remains valid

Efficiency improvements have not secured long-term resilience or well-being and the longer-term outlook is worrying

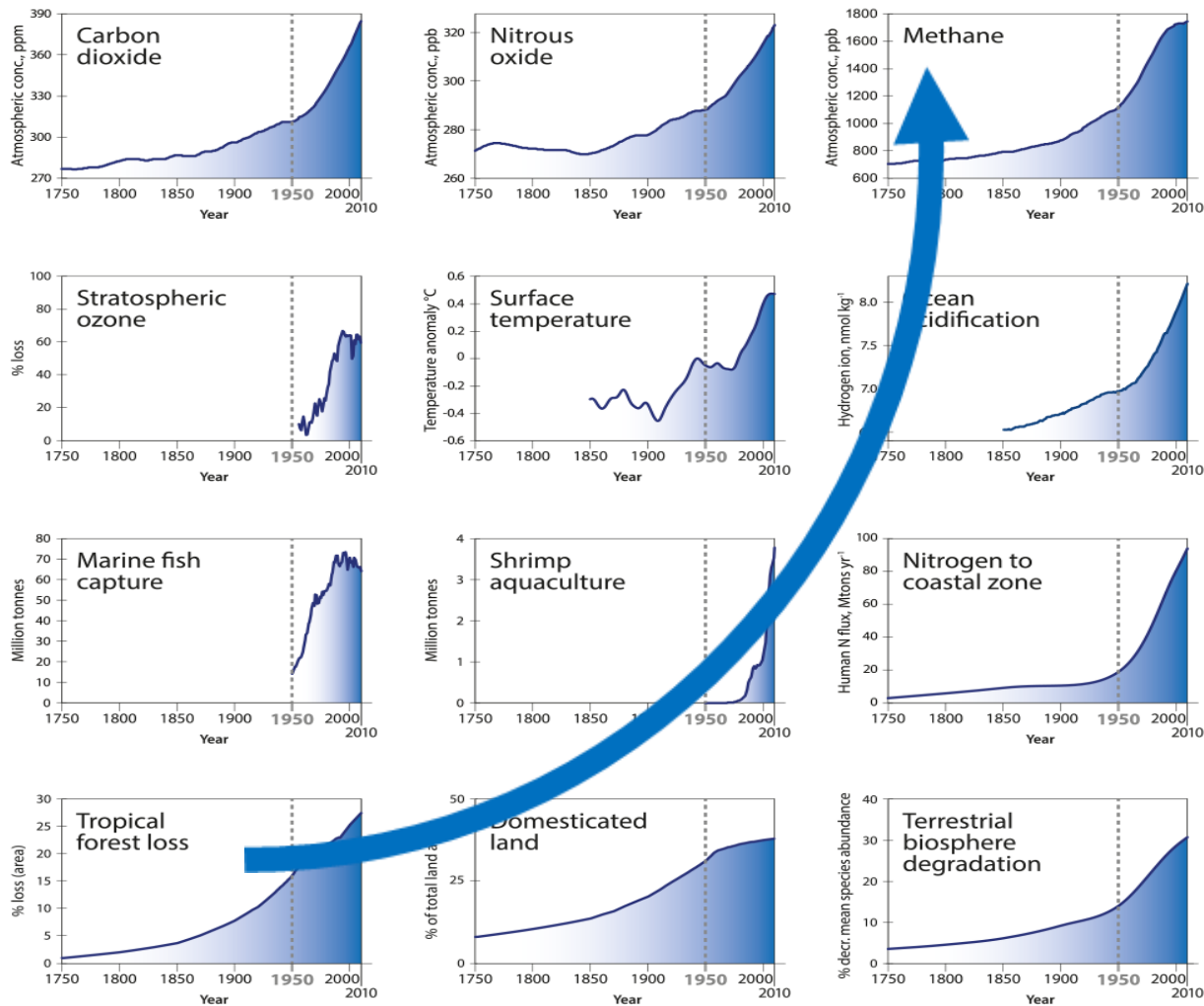


Global socio-economic trends



Globalisation of unsustainable systems of production and consumption

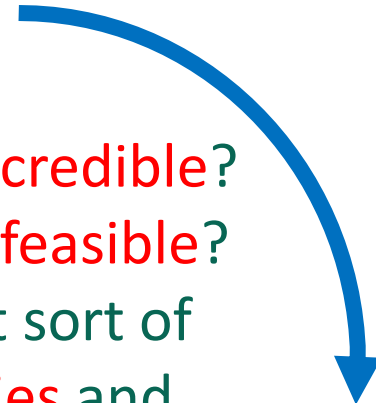
Earth system trends



Expectations /
policy promises



OR



How credible?
How feasible?
What sort of
policies and
knowledge?



The global-European context: the Anthropocene

- Accelerating global megatrends and the crossing of planetary boundaries necessitate **urgent** action

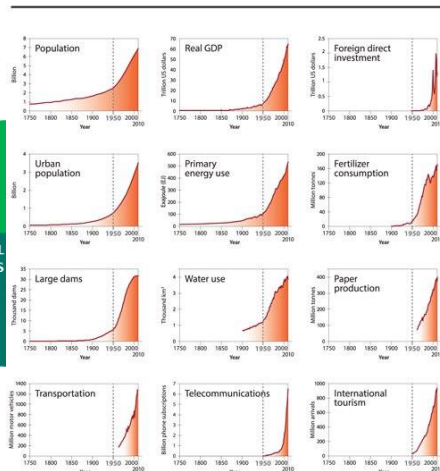
Globalisation

Great acceleration

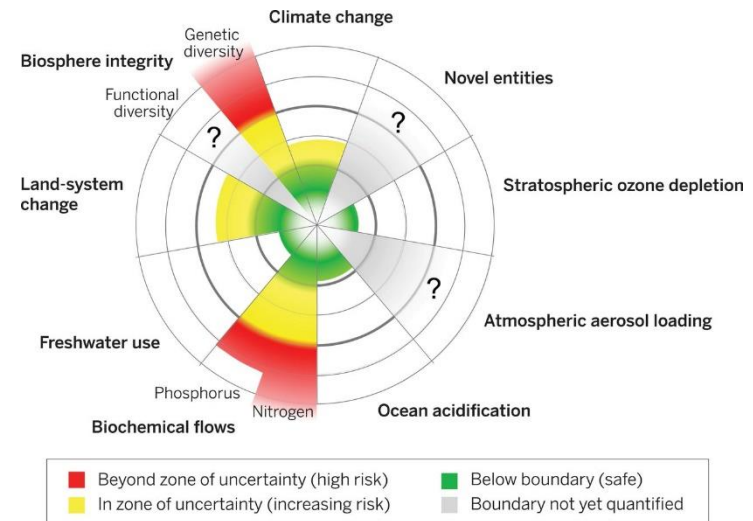
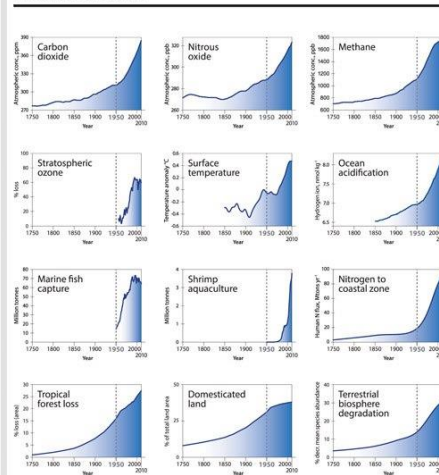
Limits of the planet



Socio-economic trends



Earth system trends



SOER 2020: sustainability challenges/transitions

Challenges

The long-term **7th EAP vision of “living well within the planet’s ecological limits”** cannot be achieved with established environmental policies only → **a more systemic, sustainability framework is needed with actions to match**

Transitions

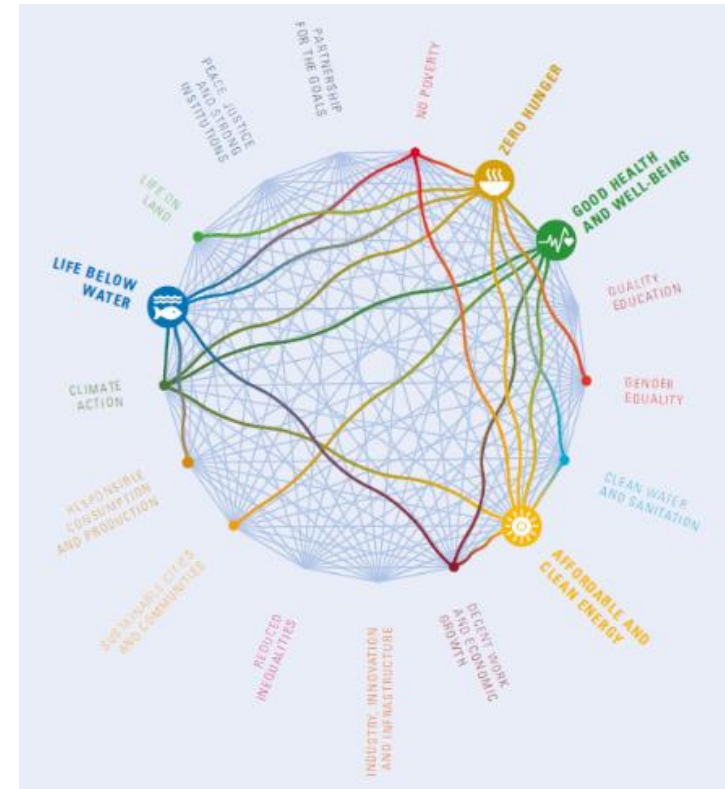
Fundamental shifts in production-consumption systems that fulfill societal needs, through profound changes in *dominant* structures, practices, technologies, policies, lifestyles, thinking ...

The role of SDGs at EU level

- The **international agreement on SDGs** has been successful in bringing countries together towards common targets for 2030



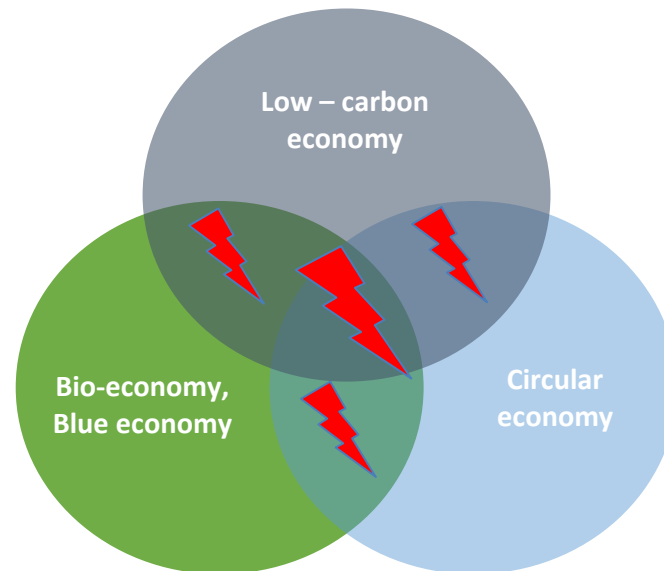
- The **links between SDGs** could be a way to address systemic challenges more effectively in the EU context – something we are looking at for SOER 2020



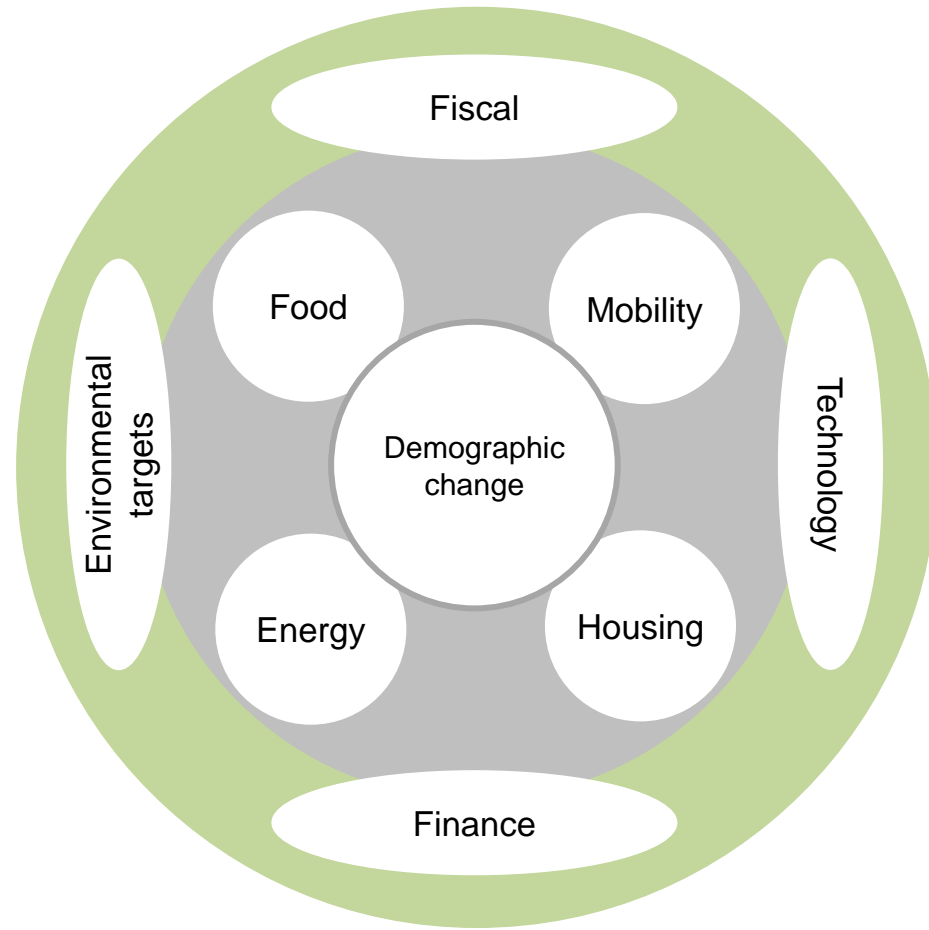
Systemic view on SDGs
(ICSU, 2017)

Towards a sustainable economy and society

- The systems perspective points to major challenges for governance (e.g. overcoming silos)
- Looking consistently across the more systemic and transformative EU economic policy agendas reveals opportunities for policy coherence and complementary governance approaches



Europe's ageing population: challenge or opportunity?



Developing the knowledge base on transitions after SOER 2015

- Engagement with academic communities
- Theoretical perspectives
- EEA reports in 2016 and 2017 explored transitions – linking to established policies and reporting

