

Take home messages

- Achieving PA is a driver for:
 - Inducing carbon sinks
 - Shifting away from fossil C
 - Land mitigation options (accepting some arable land may be sacrificed for the 2 above bullets)
- At the same time we need to supply a greater (and likely richer) food demand
 - Great new solutions, though (precision agriculture, new seed varieties, zero-deforestation commitment, etc.)
- Stability of food supply greatly at risk under warming climate, and essentially most vulnerable are affected
- SDGs can be used as a framework to operationalize sustainable bioeconomy (but only a framework)
- Bioeconomy is not an exclusive answer to meet PA
- Cause-effects relationships can be derived by analyzing synergies & trade-offs among SDGs involved in bioeconomy action plans (for EU bioeconomy action plan: more SDGs synergies than trade-offs)
- Increasing SOC in arable land as a key sustainable land-based mitigation method (and cover crops induce so many additional benefits)
- Beyond current « linear economy » practices for P-recycling: Effective recycling of phosphorous is possible and brings environmental-, societal-, cost- and health benefits
- Recover excess heat is a forgotten sweet spot to reduce C needs in energy system
- Responsible Innovation - PLA: All this effort for an inconsistent end-of-life?
- Radical innovation rather than incremental
- Reduce soybean import (and the N, P load that comes with it)
- Dynamic French bioeconomy in a wide variety of sectors
- Land subjected to interlinked challenges; and some mitigation answers are not appropriate to all local challenges