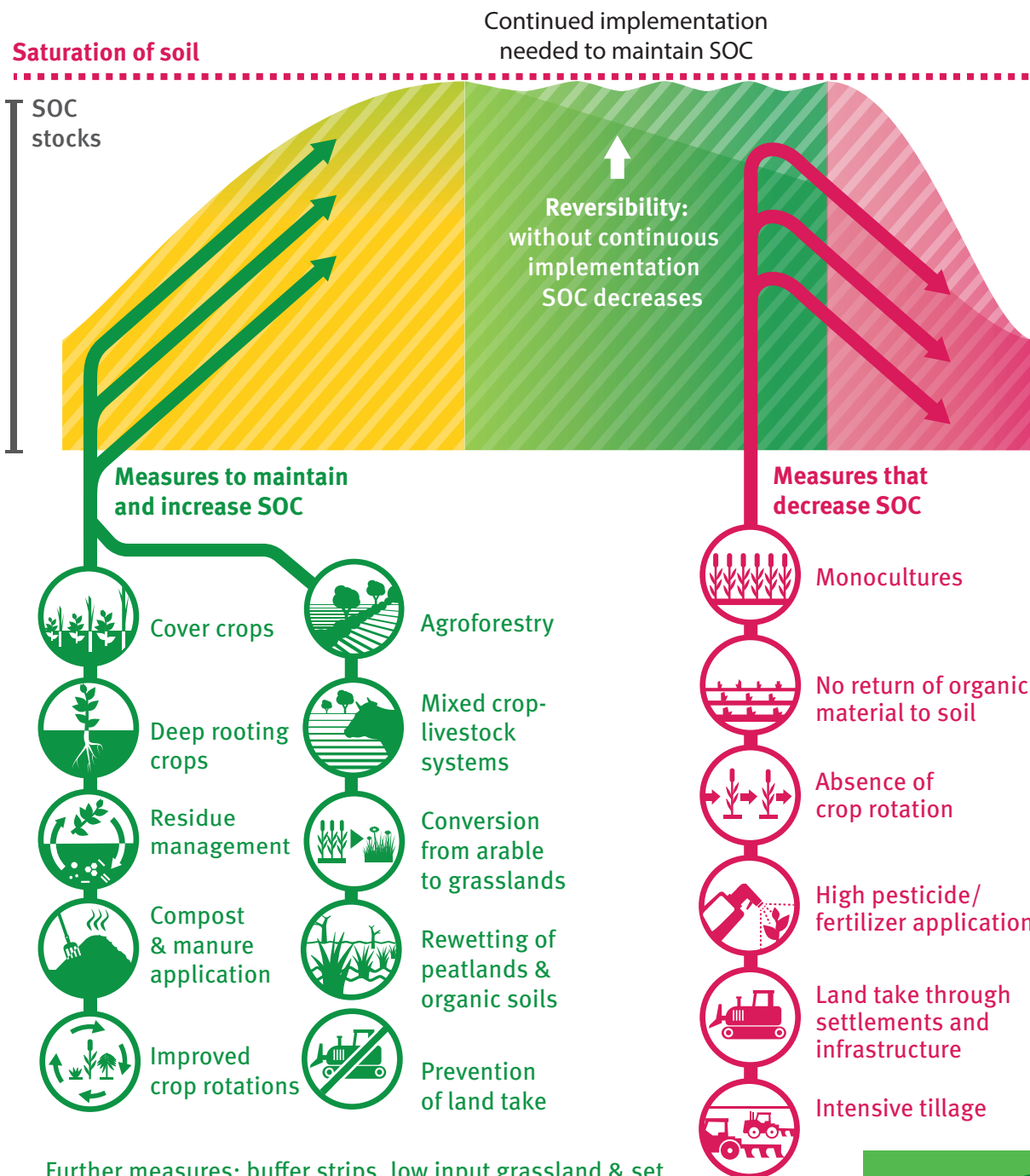
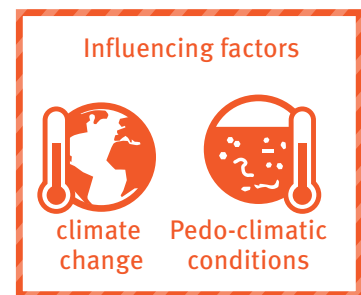


# How to maintain and increase soil organic carbon (SOC) stocks in soils to mitigate climate change

This graphic illustrates measures that maintain and increase soil organic carbon, thereby contributing to resilience against climate impacts, removal of CO<sub>2</sub> from the atmosphere and carbon storage. The pedo-climatic conditions, current land use, saturation level of soils, management practices and climate change all impact the capacity of soils to maintain and sequester carbon. Soils cannot store unlimited amounts of carbon. They can only sequester additional carbon until they reach saturation.



Further measures: buffer strips, low input grassland & set aside areas, organic farming, good grazing management and protection of natural and semi-natural grasslands

**Umwelt Bundesamt**