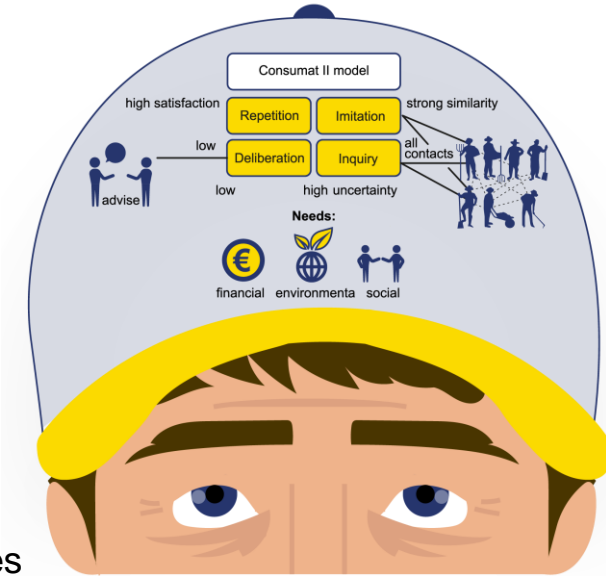




- BESTMAP is working on a new modelling framework for agriculture policy impacts
- We define Farm System Archetypes (FSAs) as units with typical behavioural characteristics of land manager and environmental/socio-economic baseline impact
- FSAs are derived for a population within each region from LPIS/FADN/FSS, EO and national datasets

- For each FSA the environmental and socio-economic flows (e.g. of water, nutrients, sediment, GHG, money, employment) baseline are derived from models, meta-analysis and expert opinion. The baseline is modulated by the agri-environmental-climatic options (measure 10 schemes of CAP) the farmer implemented



- A behavioural-theory based Agent-Based modelling approach is used to predict how alternative policy scenarios impact update/adoption of current and new measures



- Output and result indicators with uncertainty are presented in an online dashboard
- Policymakers can change the scenario and get near real-time impact assessment
- Users can also set targets and run the model in 'reverse' mode to learn what policy scenarios can achieve the best impacts!