

# Simulation tool, first insights into methodology and structure

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EU LIFE Programme project

“Demonstration of climate change mitigation potential of nutrients rich organic soils in Baltic States and Finland”

# What kind of Simulation tool ?

- It is Action C5 withing the project

for  
businesses

- Related to Action C4 which is ellaboration of Private and public cooperation model at **land manager level**

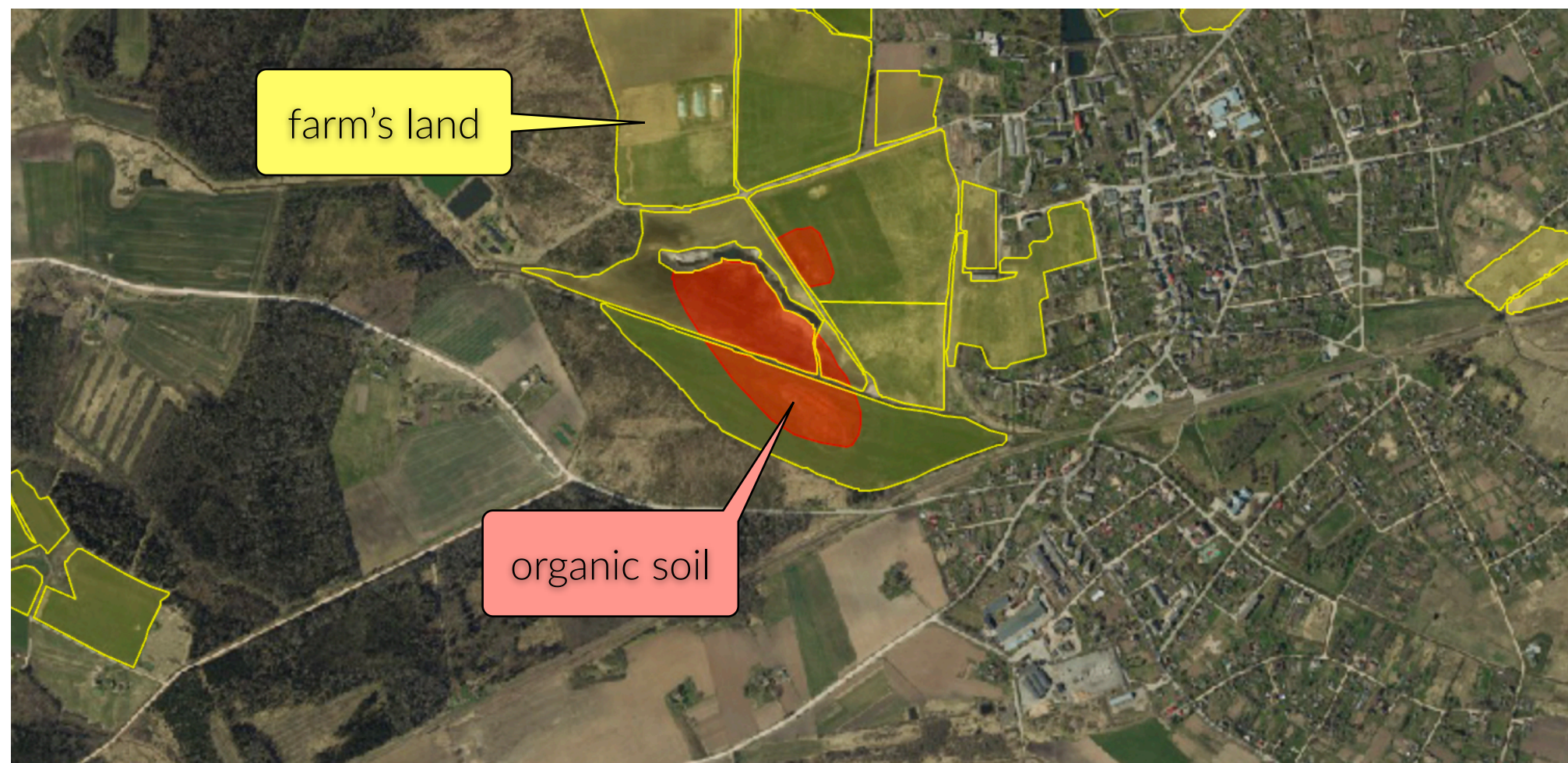
for policy  
makers

- Simulation tool (Action C5) is a modeling excersise to generate results at the **national level**

# What is C4 ? (related task)

What land manager can do with organic soil?

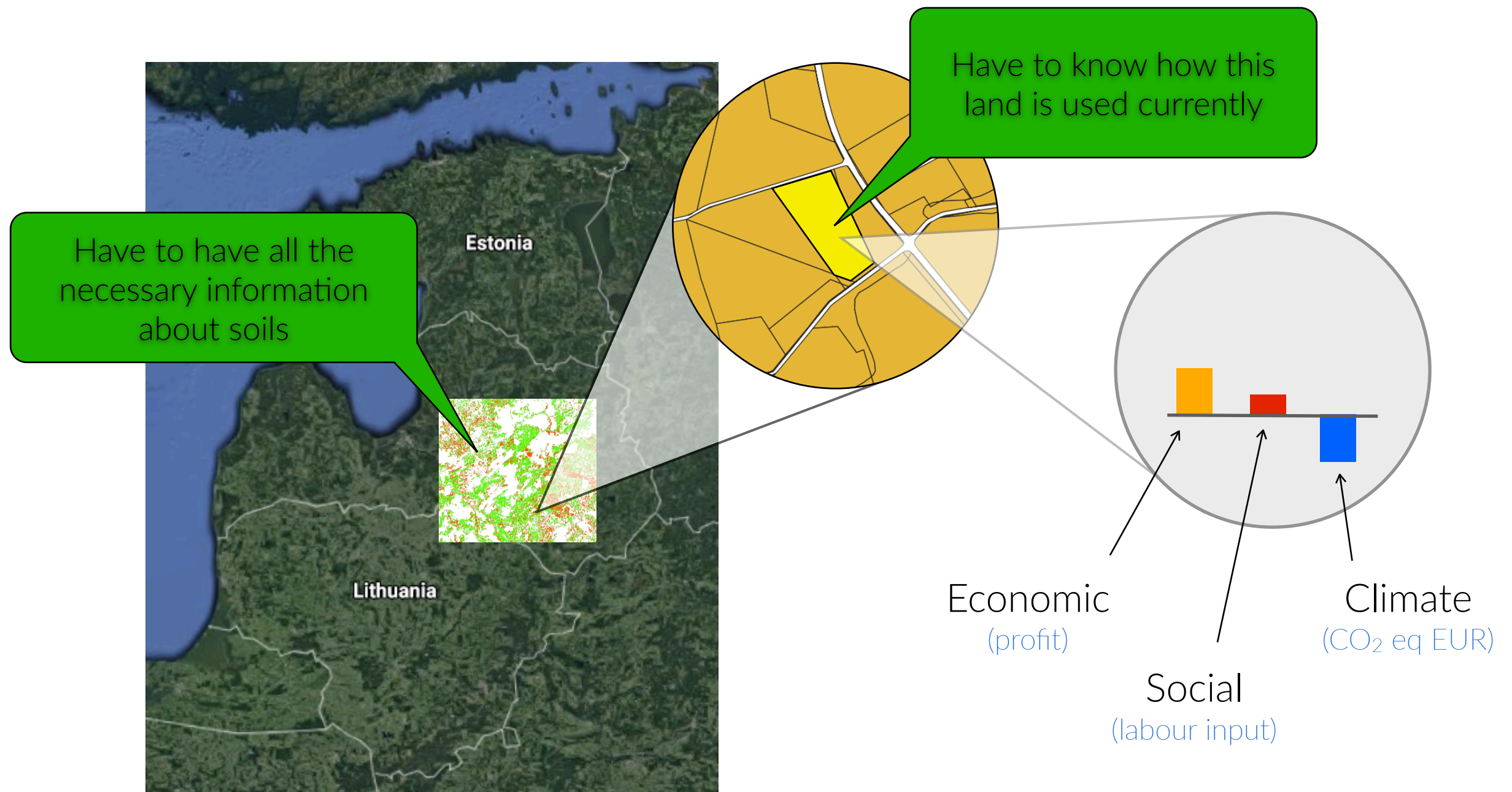
- We define some alternative options (17 scenarios)
- Evaluate what is business behind that
- Evaluate what will be the impact on GHG emissions





# What is C5 (Simulation tool) about?

We evaluate what will be the impact at national/  
regional level

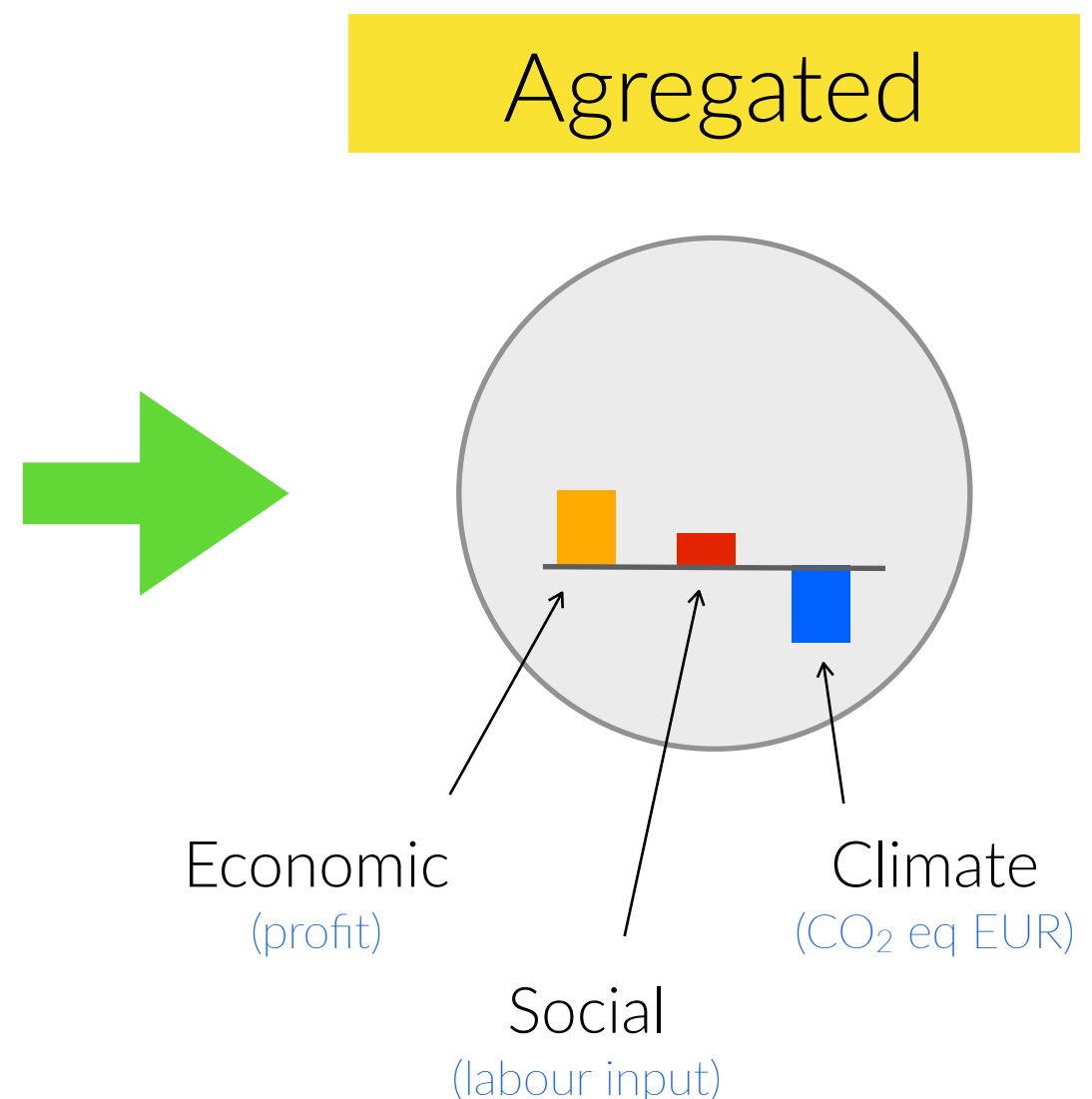


# What is C5 (Simulation tool) about?

We evaluate what will be the impact at national/  
regional level



Picture from Google Maps



# What is socioeconomic impact

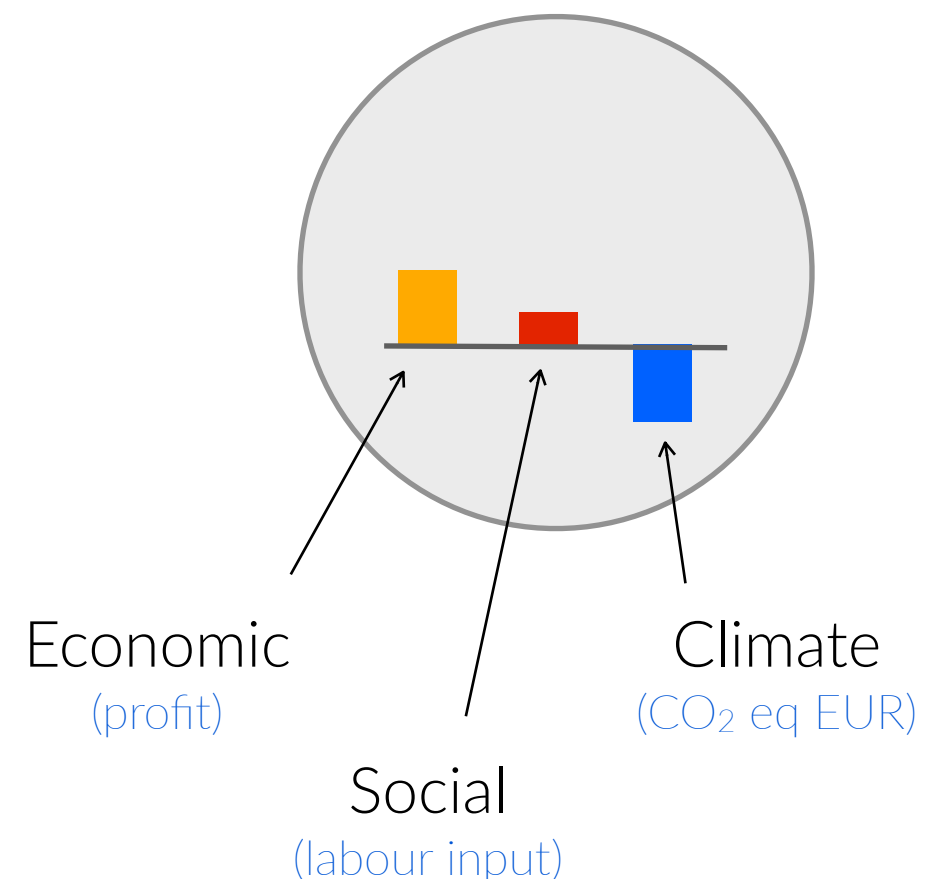
1 (a). Profit opportunities

2 (b). Employment opportunities

3. Net GHG emissions

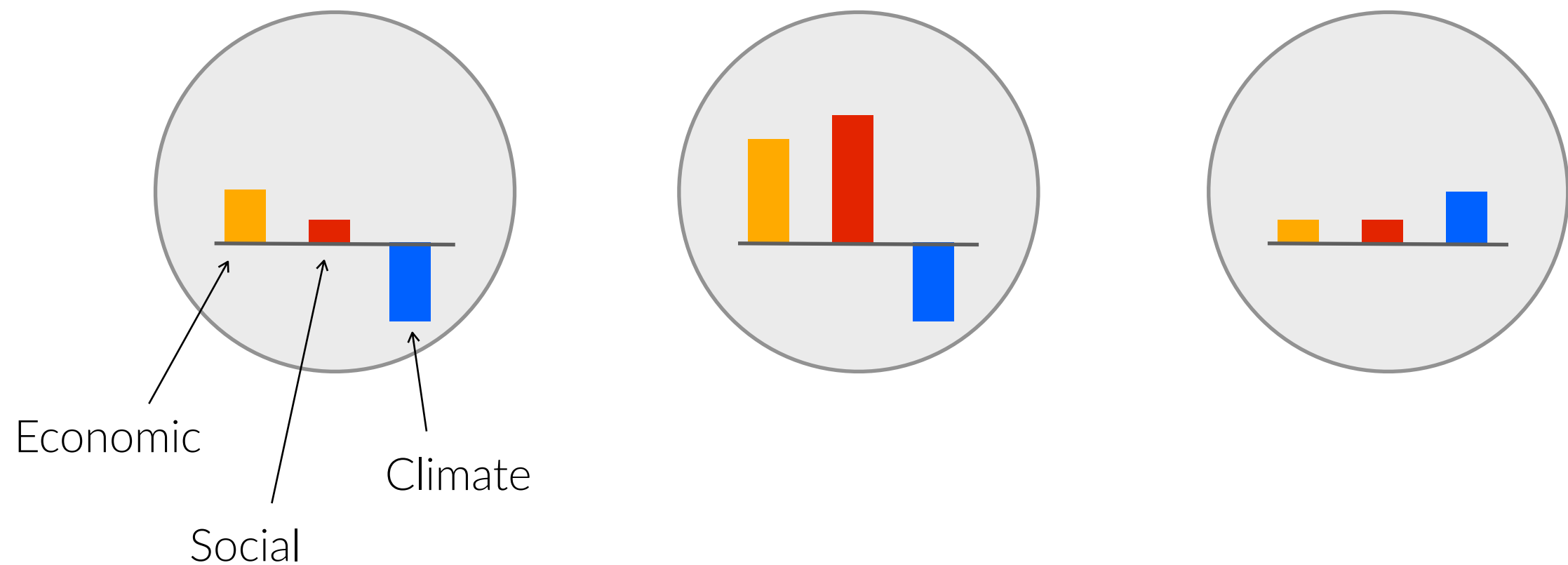
} ~ value added

!!! Calculated as a difference between the baseline and each scenario



# Land functions

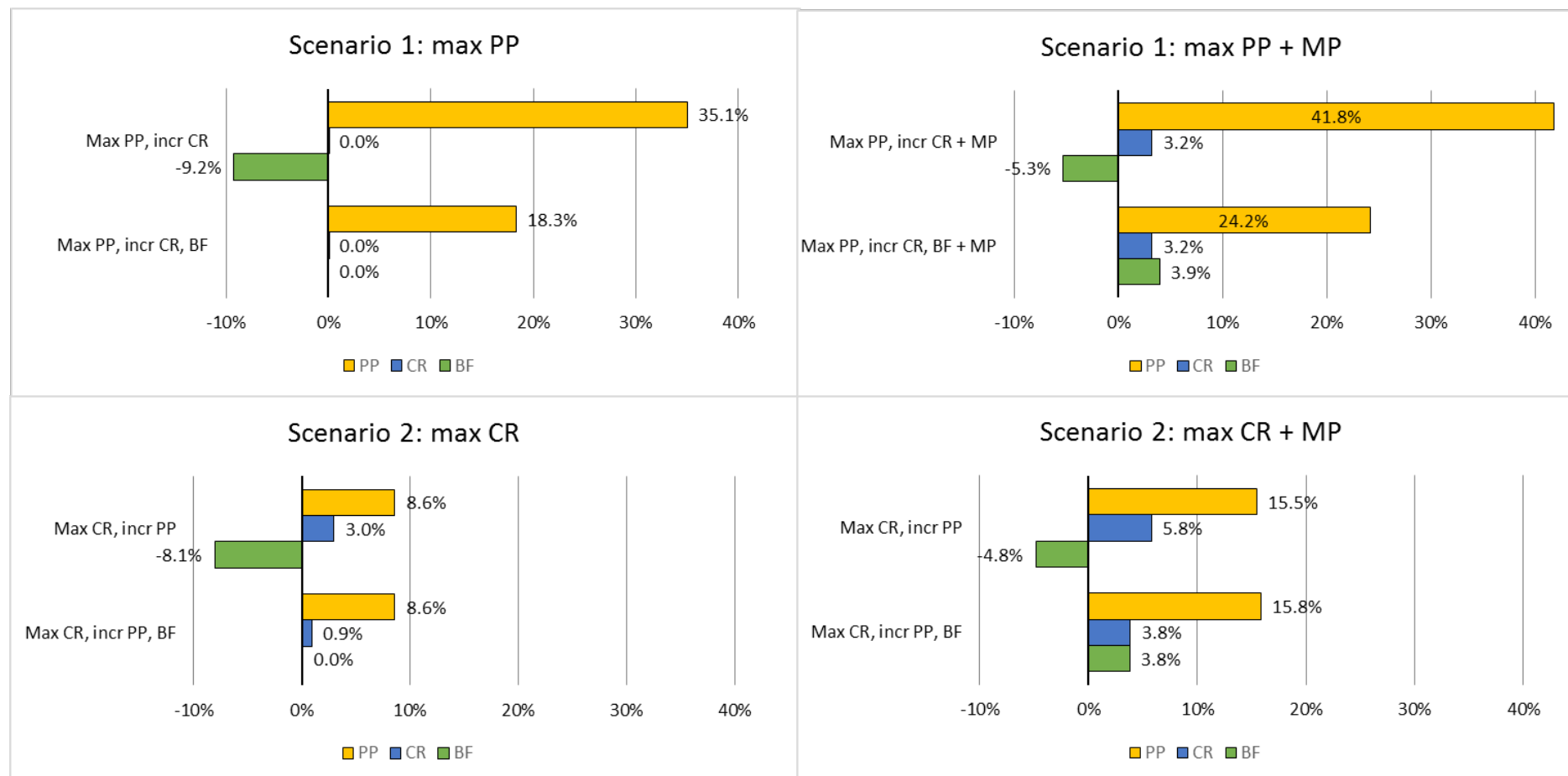
Depending on how do we use land, location, land quality and other factors, land performance can be different



# First results will be in august

We are using (R for modelling)  
(before that defining scenarios)

Current way for visualisation of results





# Thank you



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