1. Data modelling

2. Calibration

3. Typology adaptation

4. Resolution adaptation

5. Interviews with experts

6. Calibrations

- Crop category (level 2)
  - Plant material
  - Crop
  - Soil
  - Equipment

- Flood intensity (h, d, s, t)

- Sensitivity (level 2)
  - Mortality and loss of yield
    - ΔPM = f(h, d, t, s)
  - Loss of yield and quality
    - ΔYield = f(h, d, t, s, PM)
  - Erosion
    - Littering = f(h)
  - Deterioration
    - = f(h, s)

- Decision rules (level 2)
  - Do not replant
  - Partially replant
  - Replant the whole plot
  - Continue the crop
  - Resow
  - Stop
  - Till the soil
  - Pick up litter
  - Repair or replace

- Damage functions (€/ha)
  - Level 3
  - National
  - Level 3 / GPR
  - Classes of flood parameters

- Correspondence tables (level 3 / GPR)

- Crop calendars (national)

- Yields, Selling prices
- Charges

- Sensitivity tables

- Final output

- Intermediate output

- Final output