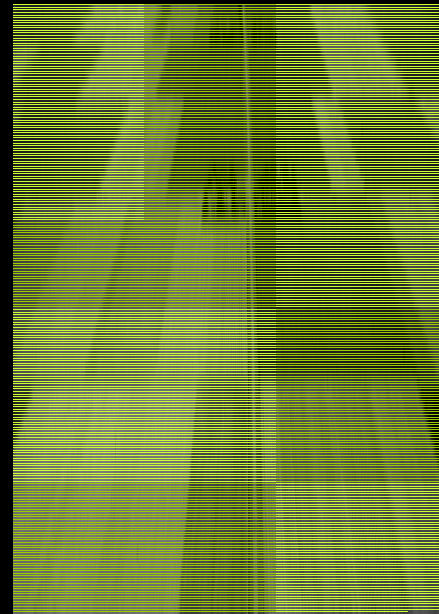
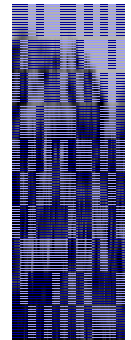
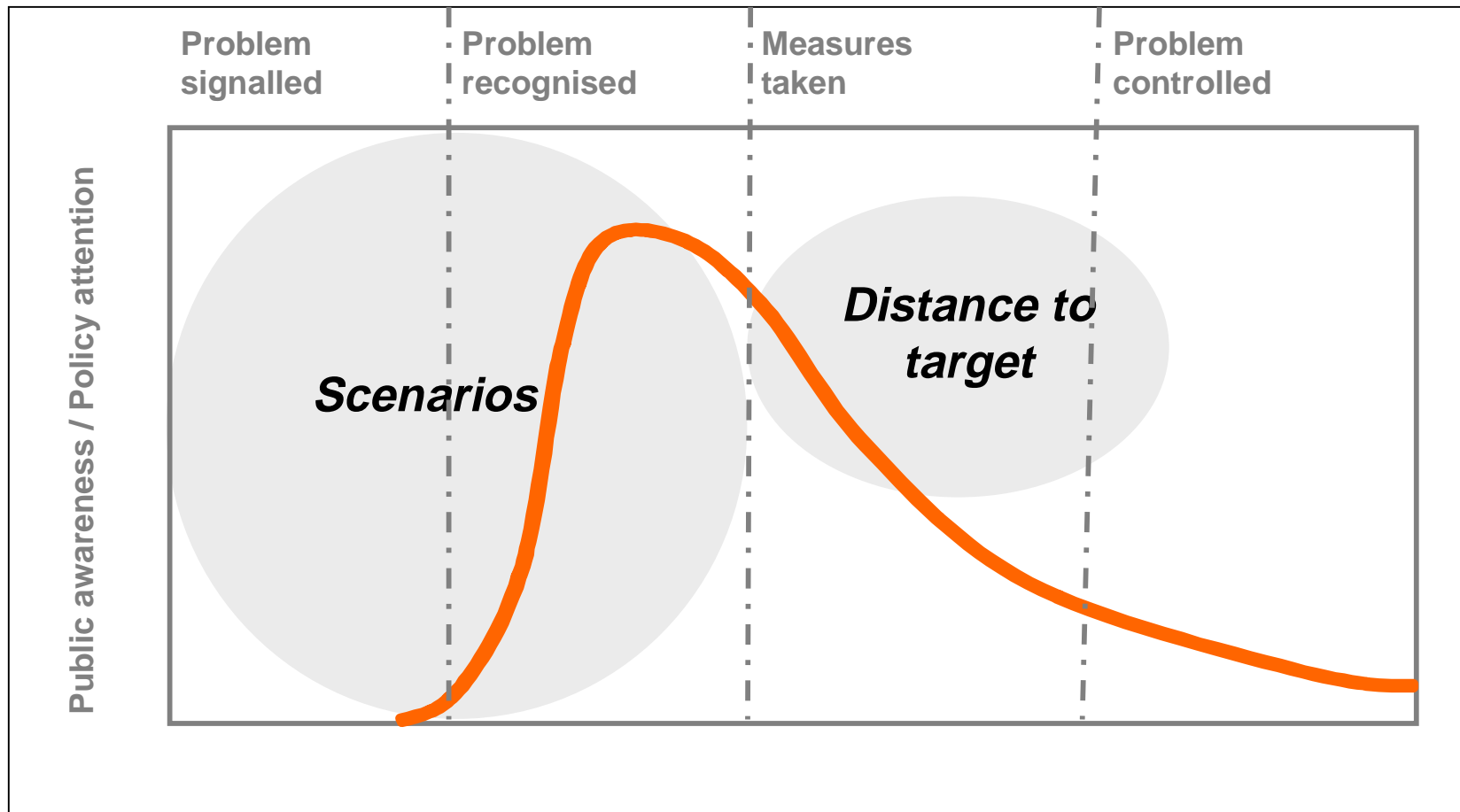


PRELUD



PRospective Environmental analysis  
of Land Use Development in Europe

# Scenarios & Policy Life Cycle



# EEA Scenarios & Outlooks

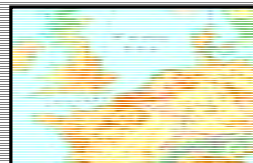
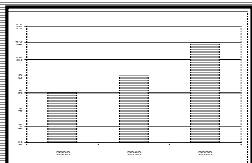
## Distance-to-Target

- policy simulation / evaluation
- what-if ...?, trend analyses
- quantitative analyses

Experts, Data &  
Modelling



Projections, Outlooks  
(short-term)



## Scenario Analysis

- policy agenda setting
- emerging issues, surprises
- qualitative analyses

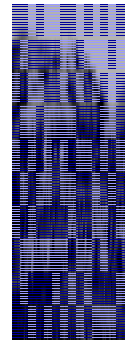
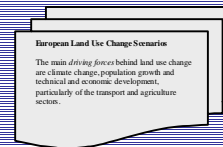
Stakeholders  
& Experts



Scenarios, Story & Simulation  
(long-term)



Issue

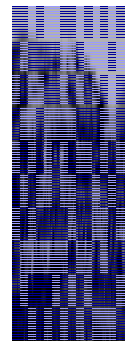


# Why Land Use Scenarios?

**First Expert Meeting** (Jun 2002)

**Second Expert Meeting** (Nov 2002)

**Project Definition** (2003)



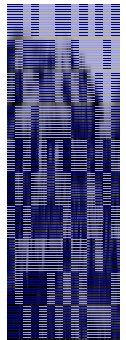


# The PRELUDE Project

## Project aim:

To expore plausible long-term developments in land use and their effects on the environment.

The land use scenarios to be developed will provide a context against which the potential of (environmental) policy initiatives can be judged.





# The Project Team

## Prelude EEA Team

- Overall coordination & implementation

## EEA Advisory Committee

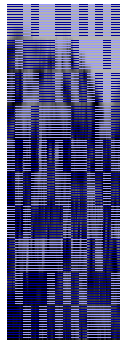
- Advises and supports the EEA team

## Facilitation & scenario building *(External support)*

- Advises and Facilitates the stakeholder process

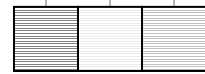
## Scenario analysis & modelling *(External support)*

- Develop the supporting quantitative analyses



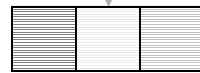
# Approach

Current Situation



*Land use type A*  
*Land use type B*  
*Land use type C*

Future



...

(1) What Changes?



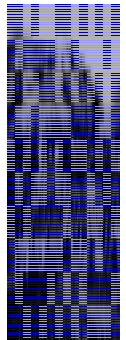
...

(2) Where?

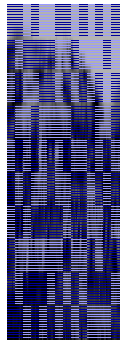
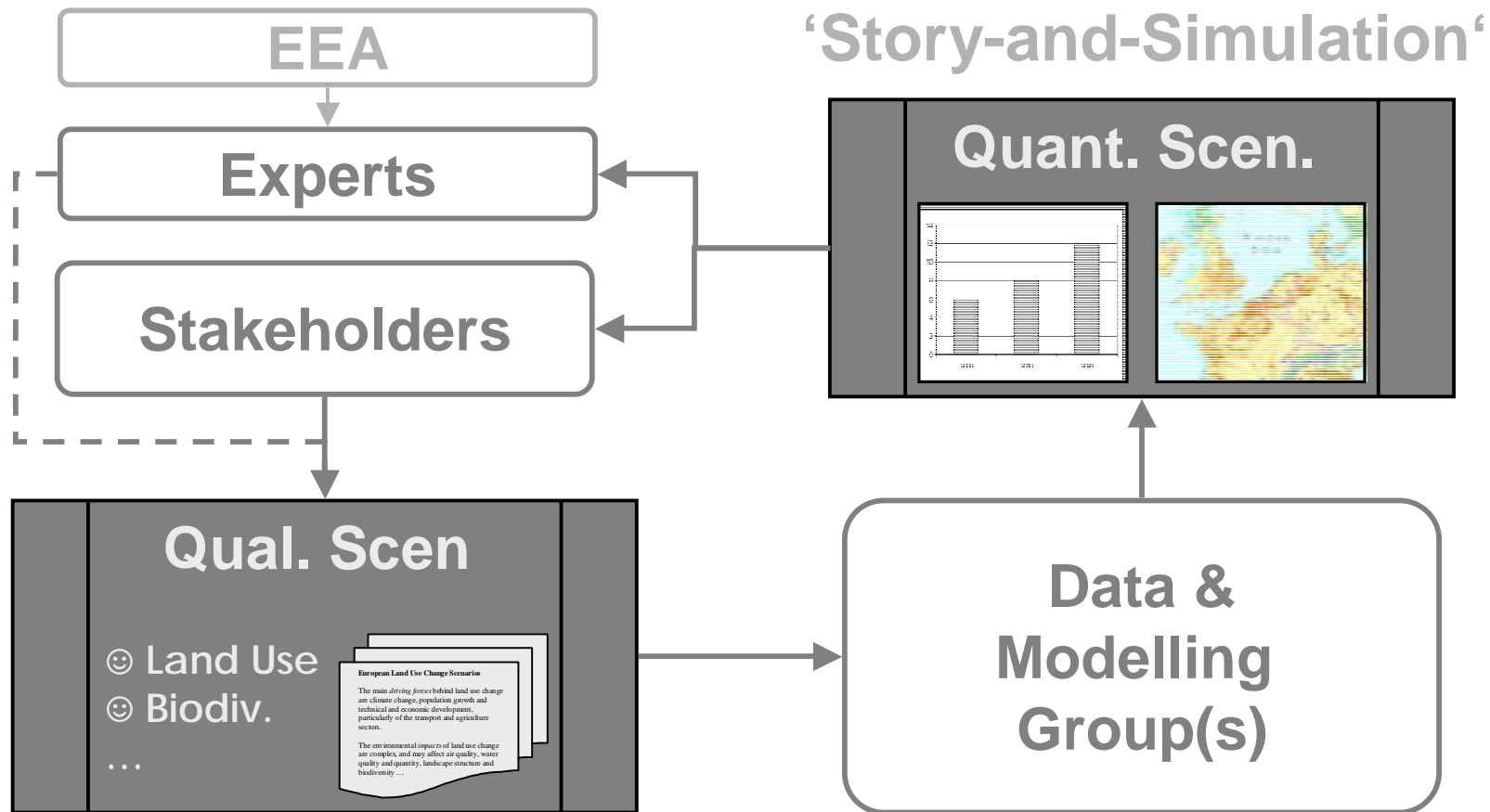


...

(3) Env. Impacts?



# Scenario Development

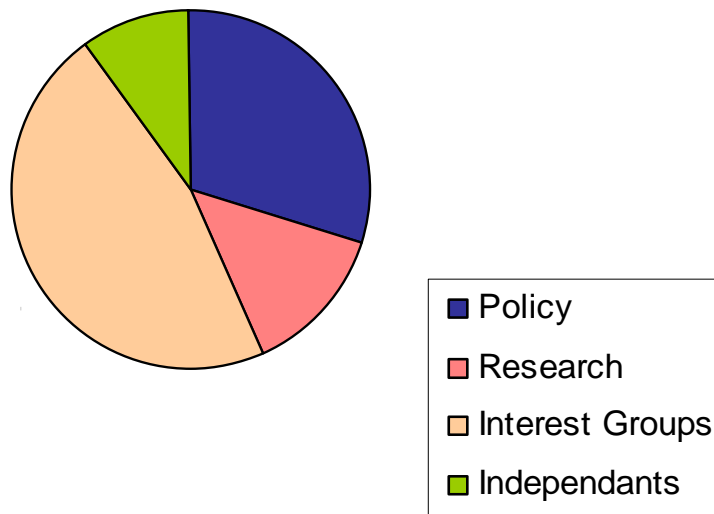




# Stakeholder Panel

A selected group of stakeholders invited to develop scenarios with us.

Group composition:



## POLICY

EU-level authorities

National-level authorities

International Organisation

## RESEARCH/SCIENCE

Natural Sciences

Social Sciences

Information Technology

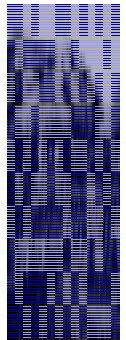
## INTEREST GROUPS

Business/Industry

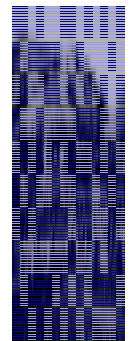
Agriculture/Forestry

NGOs: Nature, Culture, ...

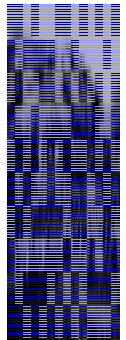
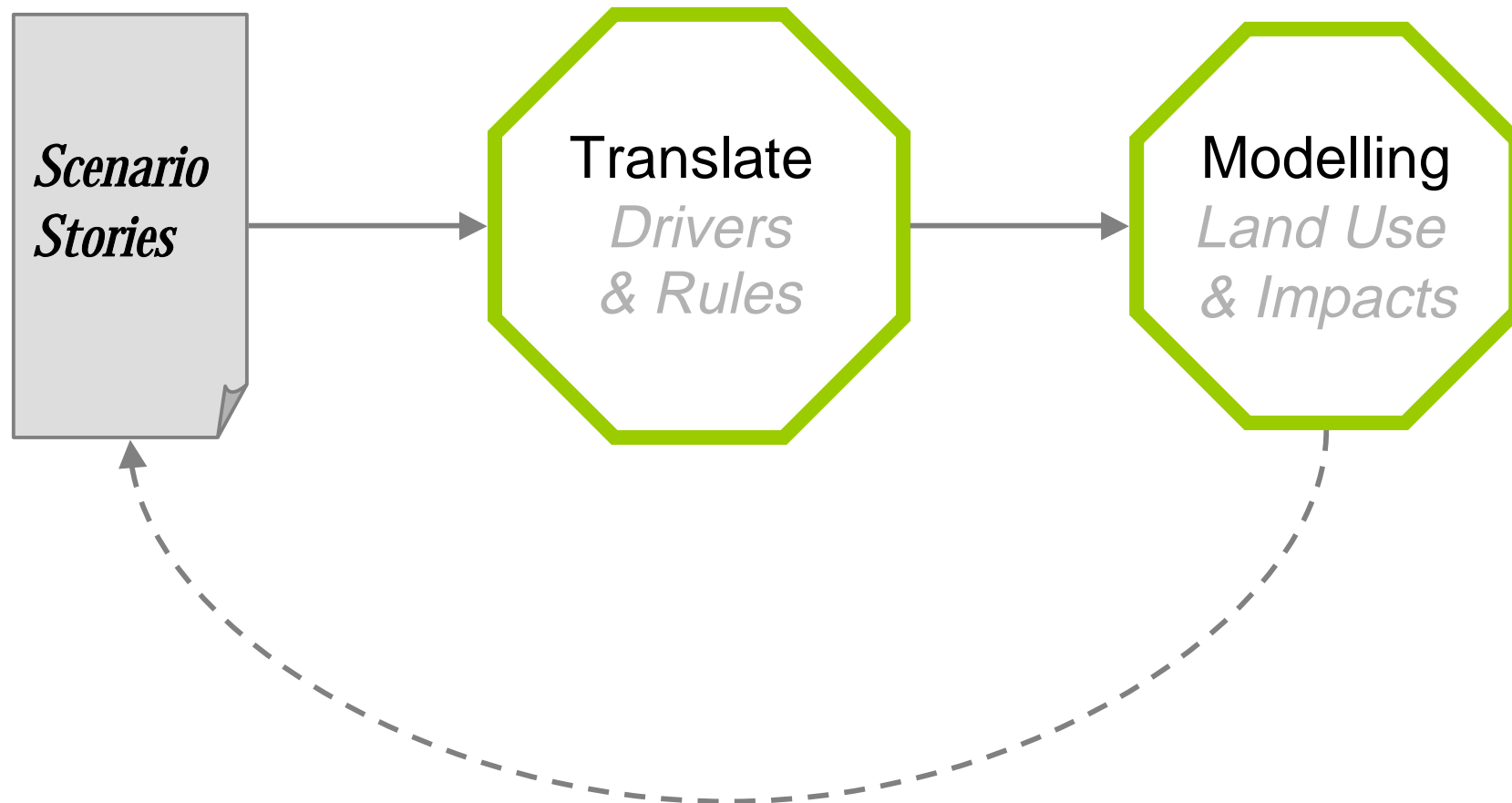
## INDEPENDANTS



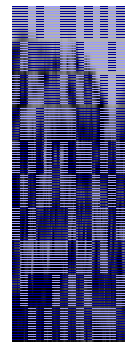
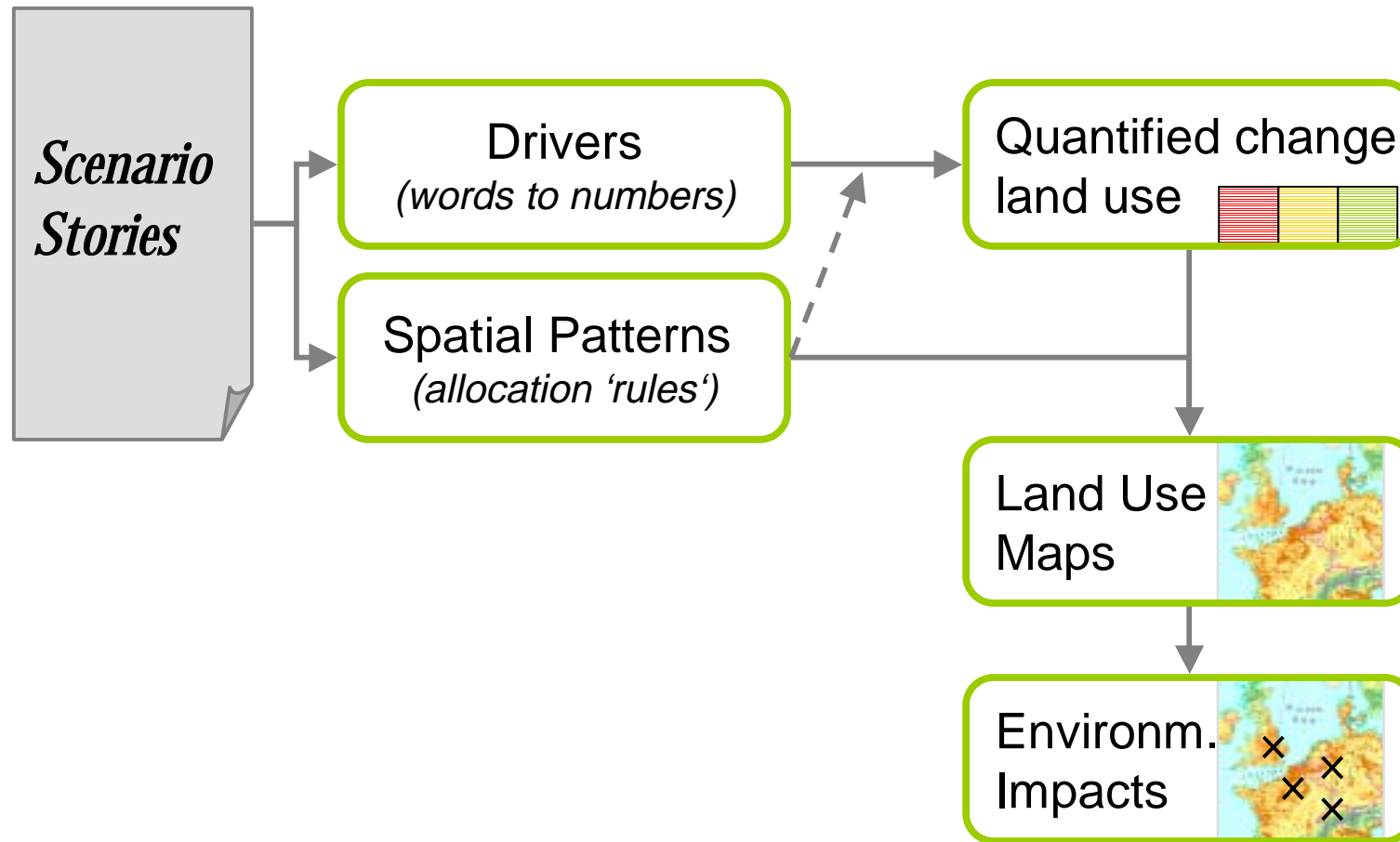
# Stakeholder Panel Workshop



# From Stories to Simulations



# 'Straight-Forward Modelling'



# 'Borrow & Approximate'

*Scenario  
Stories*

Drivers  
(words to numbers)

Spatial Patterns  
(allocation 'rules')

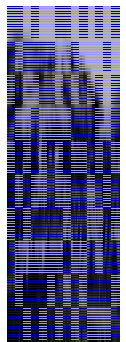
Quantified change  
land use



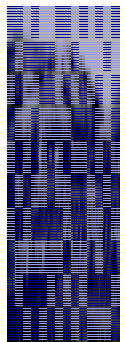
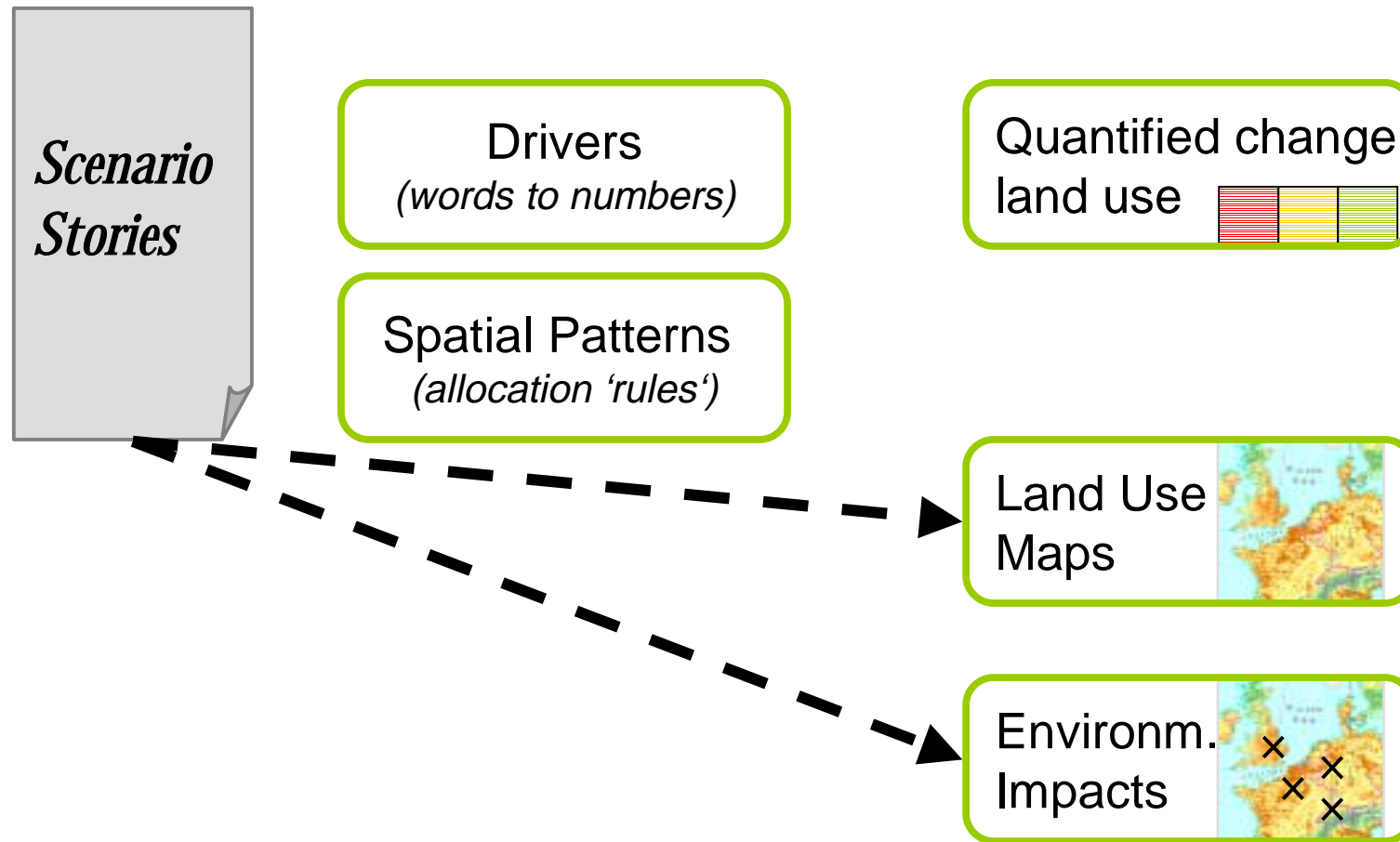
Land Use  
Maps



Environm.  
Impacts



# 'Overlaying Known Maps'



# Mix Different Approaches

