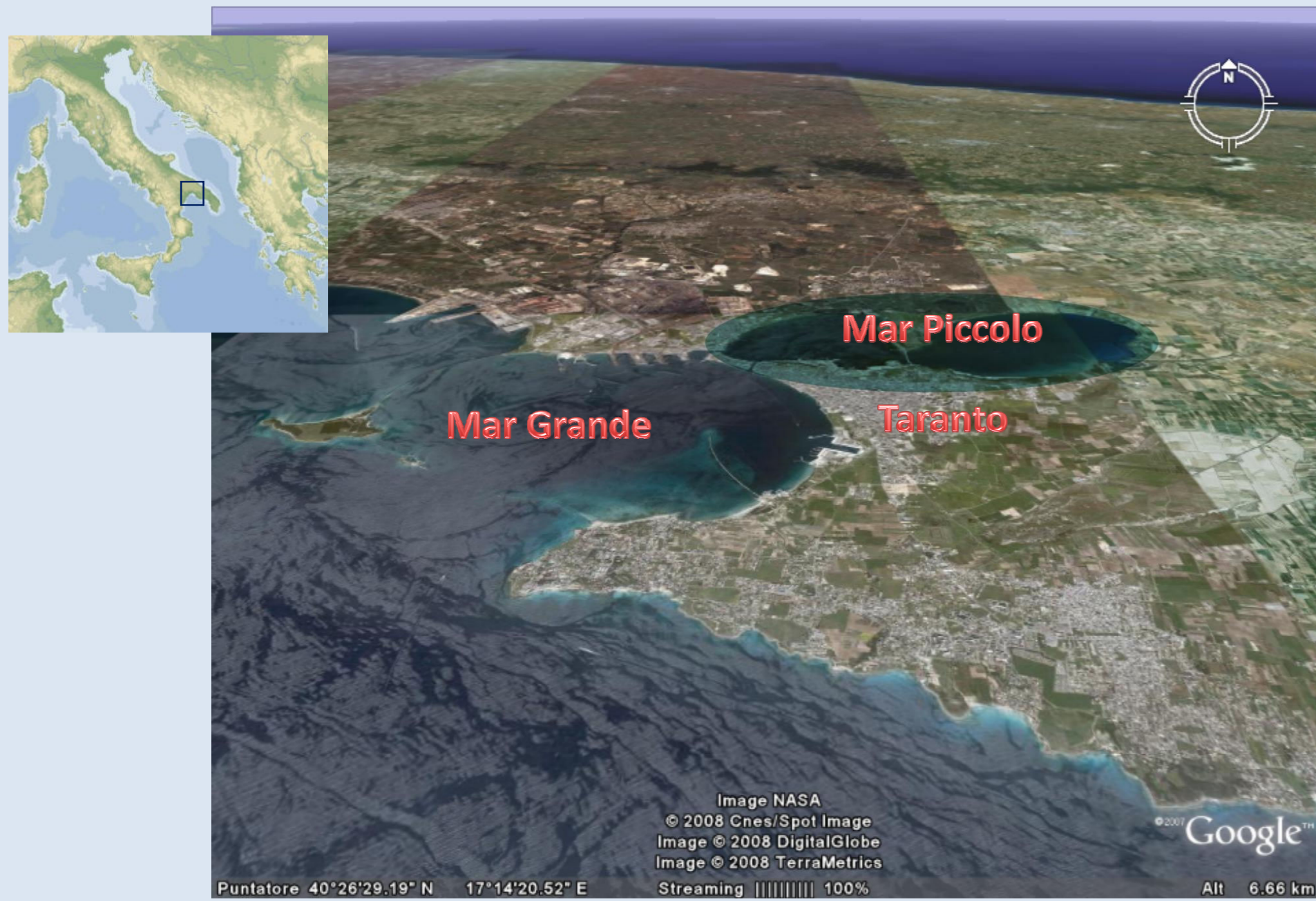


## 1. Coastal Zone Location



The Taranto marine area consists of different basins with peculiar geo-morphological and ecological features. Mar Grande and Mar Piccolo are strongly impacted by an intensive mussel commercial fishery, a fishing fleet, the largest Italian Navy base, a major port and the activities of a large heavy industry site. These activities constitute the main employers at Taranto, and they all influence the environmental quality and the ecosystem productivity (e.g. the local mussel farms).

## 2. Stakeholder Involvement

A first meeting of governance stakeholders was convened on October 4<sup>th</sup> to discuss the selection of a focus for the Taranto SSA. The number of attendees was nine, even if the number of invited people was of twelve. The number of participant stakeholders was greater for the second meeting of 17<sup>th</sup> October (23 conveners), probably because there had been a lot of interest in the first meeting. During the discussions an inadequate knowledge about the ICZM issues came out, such that stakeholders themselves asked for a further and deeper explanation of the Project, in order to better understand its possible implications to themselves and potentially their own role in its implementation.

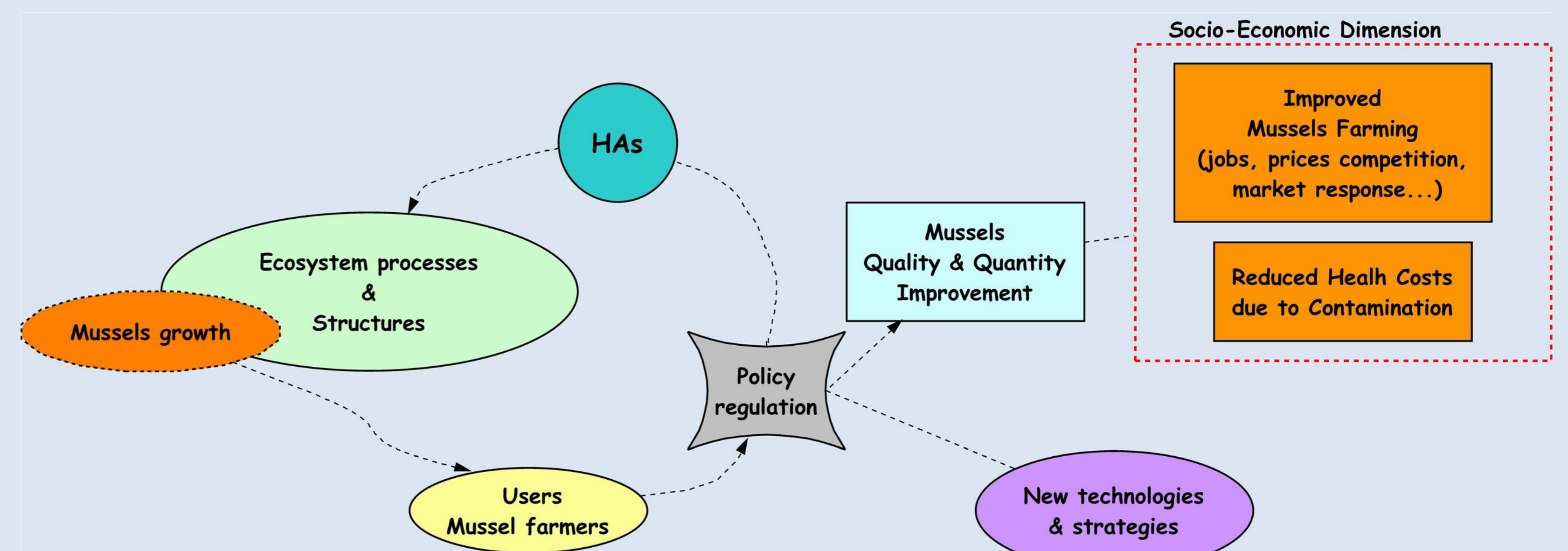
The meetings were organized at the IAMC-CNR, Section of Taranto.

Stakeholders invited during the second meeting were Representatives from:

- Regional Environmental Agency of Apulia Region
- Province of Taranto (Productive Dept. )
- Province of Taranto (Env. Department)
- Province of Taranto (Tourism Department)
- Municipality of Taranto (Ecol. and Env. Dept.)
- Municipality of Taranto (Productive Activities)
- Municipality of Taranto (Culture and Tourism Dept.)
- Health Board in Taranto
- Harbour Board in Taranto
- Harbour Office
- Industrial Handcraft and Agricultural board of trade
- Eni Spa
- ILVA steel industry Spa
- "Amm.Michelagnoli" Foundation ONLUS



## 3. Policy Impact for Simulation



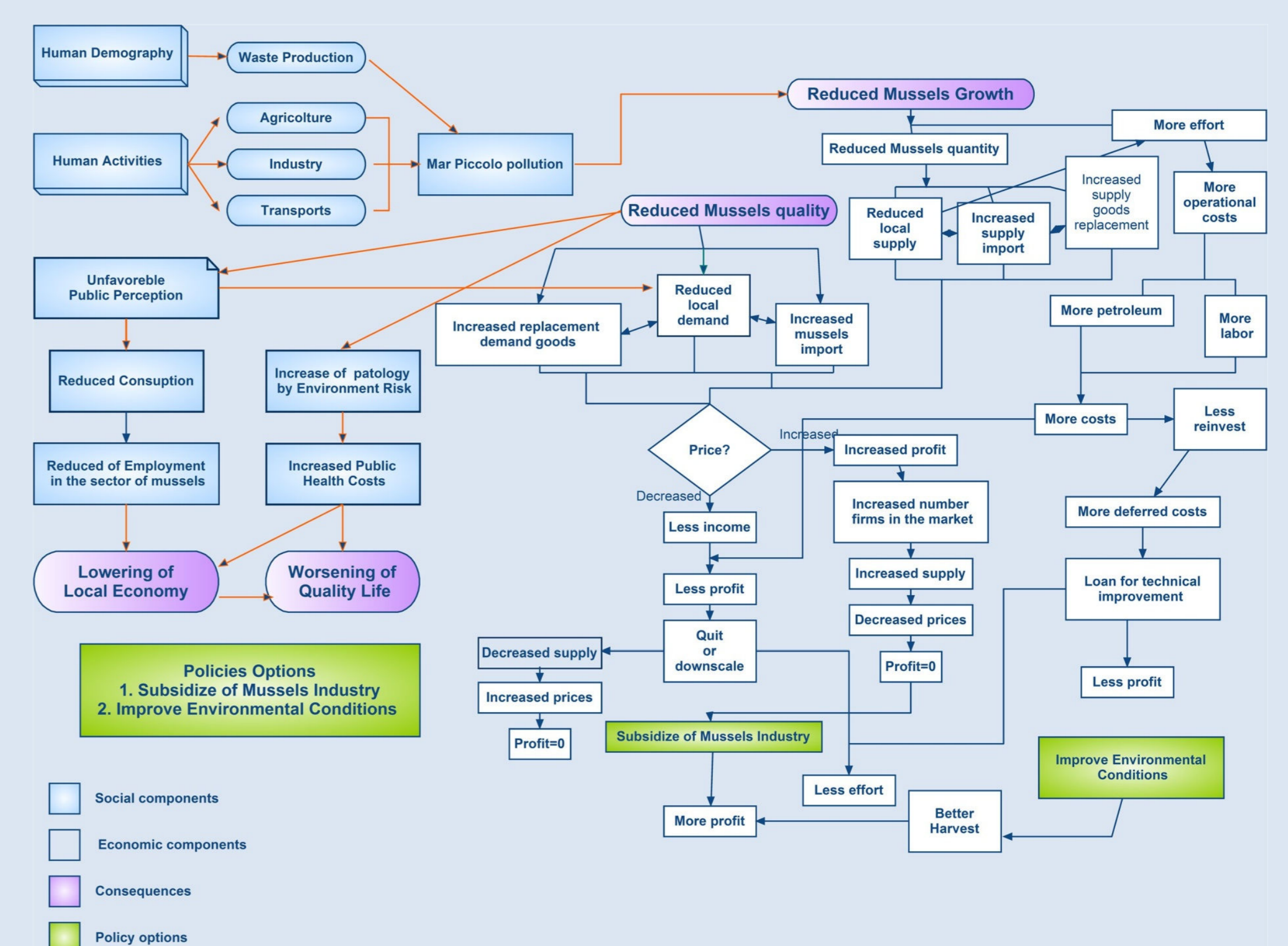
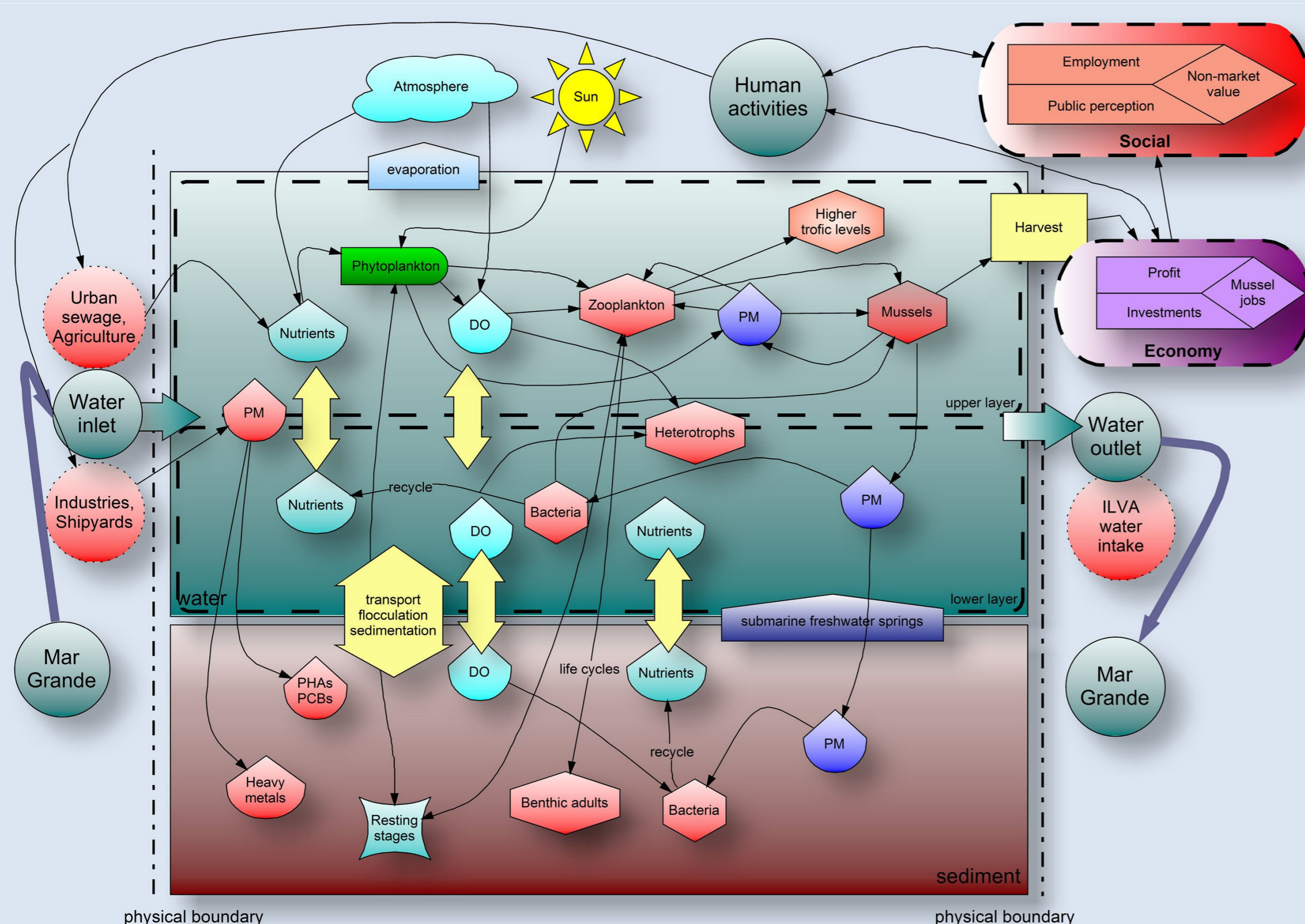
Representation of HAs-Ecosystem-Users-Policy influence on Mar Piccolo Mussels Culture quality and quantity

The Impact selected was: **"The reduction of the productivity and the quality of the mussel culture"**.

Examples of the *Scenarios* which will be simulated, as part of the general Policy Issue concerning Sustainable Management of the Mar Piccolo resources, are:

1. What are the technical and strategic policy options available for improving the mussel culture?
2. What are the long-term benefits and short-term costs of such policy options?
3. What trade-offs and compromises would necessary facilitate these policy options?

## 4. ESE Components for Simulation



These two diagrams describe the Virtual System, on the left in the Conceptual Model of the Environmental component and, on the right, of the linked Social and Economic components. All three of these components are strictly related to the Policy Impact chosen for simulation. These diagrams and the List of Components and Processes (see the handout), constitute essential design information for the successive Formulation Step.