Earth Summit in Rio de Janeiro (1992) led to:

- a worldwide project: **Sustainable Development (SD)**
- a strategy to follow: **Agenda 21**

The "**Sustainable Development**" concept must take into account not only the environmental issues, but also the economic, social and cultural rights specific to the Mediterranean basin:
- quality of coastal and inland waters,
- quality of urban air,
- demographic changes,
- social and religious tensions, ...

**Mediterranean Network of Engineering Schools** ("Réseau Méditerranéen des Ecoles d'Ingénieurs" or RMEI, in French):
- Association created in 1997.
- It includes more than 40 Engineering schools and technological universities in Mediterranean countries.
- One of its actions: to promote the SD in these Engineering Schools.

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Example of SD applied to a tech university in RMEI (**Universitat Politècnica de Catalunya, UPC**):

- **1st Environmental Plan** (1997-2001) → knowing the actual SD status and defining a SD model.
- **2nd Environmental Plan** (2002-2005) → reinforcing UPC's commitment to SD and optimizing the management of available resources, by working in 4 areas:
  1) Education.
  2) Research.
  3) University and Campus life.
  4) Communication and coordination.
- **Sustainable UPC Plan 2015** → commitment with society, through 5 challenges:
  1) Building, energy and climate change.
  2) Water management.
  3) Social responsibility of technology.
  4) Territorial planning, mobility and logistics.
  5) Material cycles, eco-design and waste management.