The IAU European Regional Office of Astronomy for Development (E-ROAD)

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The IAU OAD was created in 2008 to implement the IAU Strategic Plan, which aims at realising developmental benefits from astronomy. To address the UN Sustainable Development Goals.
**Vision:** By 2030, the European Astronomical Community contributes meaningfully to sustainable development of our planet at local, regional and global levels.

**Mission:**
The IAU E-ROAD supports and implements actions that directly contribute to accomplishing the UN Sustainable Development Goals.

**Strategic Objectives:**
- Stimulate the use of European astronomy for development by building and fostering a community and mobilise resources to support relevant actions. (SDG 17)

- Support the development of research capacity within developing countries: collaborative programmes between universities, institutes and individual researchers from European and developing countries. (SDG 9)

- Design, prototype, implement and evaluate an educational project that uses the cosmic perspective to foster global citizenship, namely peace and sustainability dimensions. (SDG 4 & 13)
Capacity building

Twinning programme to stimulate capacity building globally
- To share resources and expertise between the regional offices
- We have been mapping needs of other ROADs to find suitable matches
- Exploit online communication methods when possible (Zoom, Skype etc.)

Fostering inclusive societies

Potential future focus areas and proposals:
- Social entrepreneurship and training in PhD programmes
- Gender equality and inclusion
- Refugee communities and scientists
"Look again at that dot. That's here. That's home. [...] To me, it underscores our responsibility to deal more kindly with one another, and to preserve and cherish the pale blue dot, the only home we've ever known.” - Carl Sagan

Objectives

01. Promote global citizenship and tolerance
02. Raise awareness about our fragile planet and climate change
03. Enthuse children about science and technology
In Spain

- Spain is very active in the fields of Astronomy communication, outreach and education.
- More than 280 initiatives for the IAU100.
- Carried out by astronomy departments, research centres, professional observatories, planetariums, science museums, amateur astronomers, the Spanish Astronomical Society.
- Many already focus on the UN SDGs: empowerment of women and girls, reduction of inequalities, preservation of the ecosystems and dark skies or promotion of peace.
In Spain

- A Touch of the Universe
  (Amelia Ortiz – Universidad de Valencia)

- Capacity building in Astronomy in East-Africa

- Amanar: under the same sky
  https://www.nature.com/articles/s41550-020-1053-z

In Spain