

# MEDES

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## ❖ Economic Group of Interest

- ❑ Private non-profit organisation
- ❑ Members: CNES (30%), Toulouse University Hospitals (25%) and other French Universities and hospitals (12.5 %), open rights (32.5)

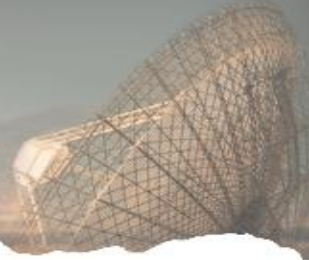


## ❖ MEDES missions

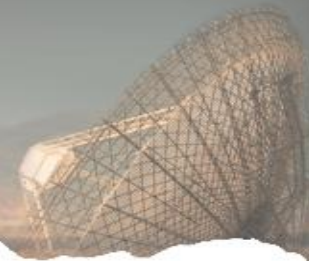
- ❑ To develop expertise in space medicine, clinical trials in this field
- ❑ To promote applications of space in the health field

## ❖ Funding

- ❑ Space Agencies: ESA, CNES and others
- ❑ EC
- ❑ Others: national funding, companies



- ❖ MEDES supports the promotion by space agencies of the **applications of satellites in the field of health** in particular for:
  - ❑ Telemedicine
  - ❑ Disaster medicine
  - ❑ Epidemiology



## ❖ Added value of satellites:

- ❑ Satellite communications
  - Extend surveillance networks / Connect remote areas with remote experts ...
- ❑ Satellite navigation
  - Geolocalisation
- ❑ Earth Observation products
  - Risk mapping, resource mapping...



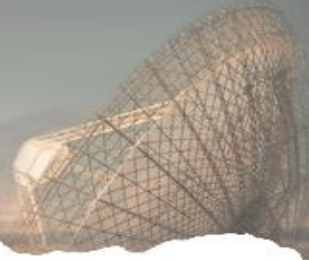
**Generic needs encountered in projects for  
telemedicine, disaster medicine and epidemiology**

**Electronic data collection and reporting tools that take  
into account:**

- ❑ Mobility situations
- ❑ Remote contexts
- ❑ Flexible needs

**Development of a common supporting tool to quickly  
model, generate and update this type of system**

***Imogene tools***



- ❖ To contribute to provide basic tools and services that will raise the needs for further space-based services (satcom, satnav and EO)

- ❖ To publish these tools as free & open source within a suitable frame
  - ❑ To promote accessibility to a high number of users and user communities
  - ❑ To join developers' communities
    - To enlarge the offered functionalities
    - To increase the possibilities to continuously evolve to match all types of users' requirements.
    - To integrate these tools in wider offers covering other needs