

Christophe Scicluna,
Aline Chabreuil
Elodie Regnier
Nicolas Chaleroix
present:

ESPACE DANS MA VILLE: WHEN THE HEART OF SUBURBS BEATS TO THE RHYTHM OF SPACE DISCOVERIES



PLANETE SCIENCES & CNES: A PARALLEL EVOLUTION



1961

STES



2002

1962

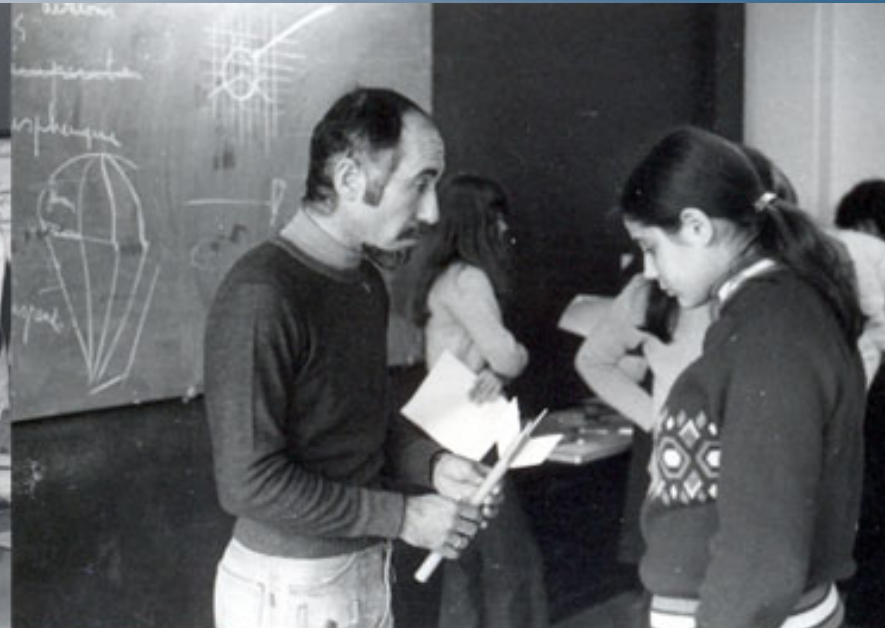


1977





ORIGINAL MISSION: SUPPORT TO AMATEURS





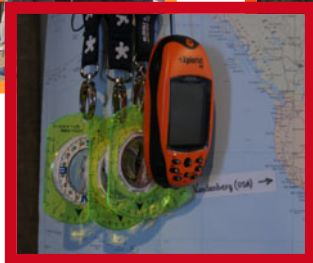
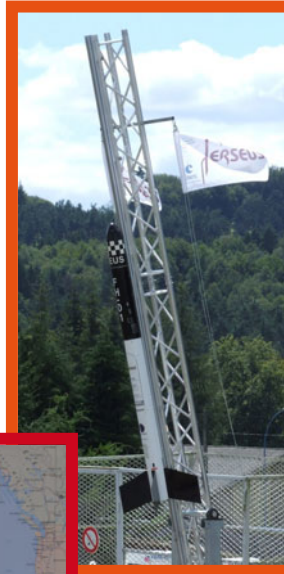
PLANETE SCIENCES TODAY

Associations
 Network
 Techniques
 Promotion
 Activities
 Sciences
 Europe
 Practical
 Experimentation
 France
 Youth
 Safety
 Clubs
 Leisure
 Management
 Team work
 Programmes
 Exchanges
 Events
 Contests
 Workshops
 Volunteers
 Pedagogy
 Summer camps
 Partners
 Ministries
 Organizations
 Space activities
 Meteorology
 Energy
 Astronomy
 Environment
 Robotics



A FULL BAG OF SPACE PROGRAMS AND WORKSHOPS

➤ Imagine, build, create, innovate, play, dream



VARIETY

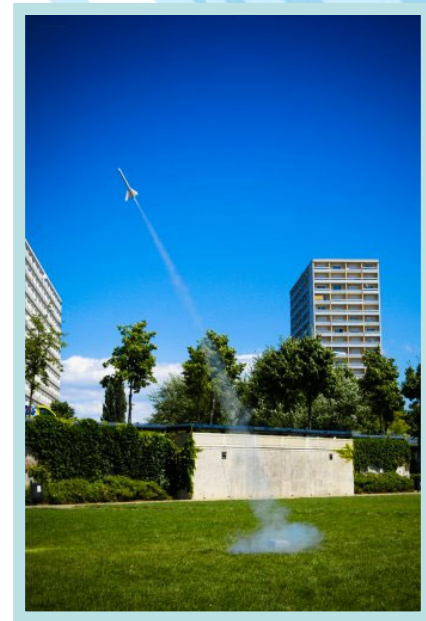
- Workshops
- Programmes
- Summer Camps
- Public events
- Contests
- Trainings
- Contents (space, robotics, astronomy...)



➤ Bring space to underprivileged areas



espace
DANS MA VILLE



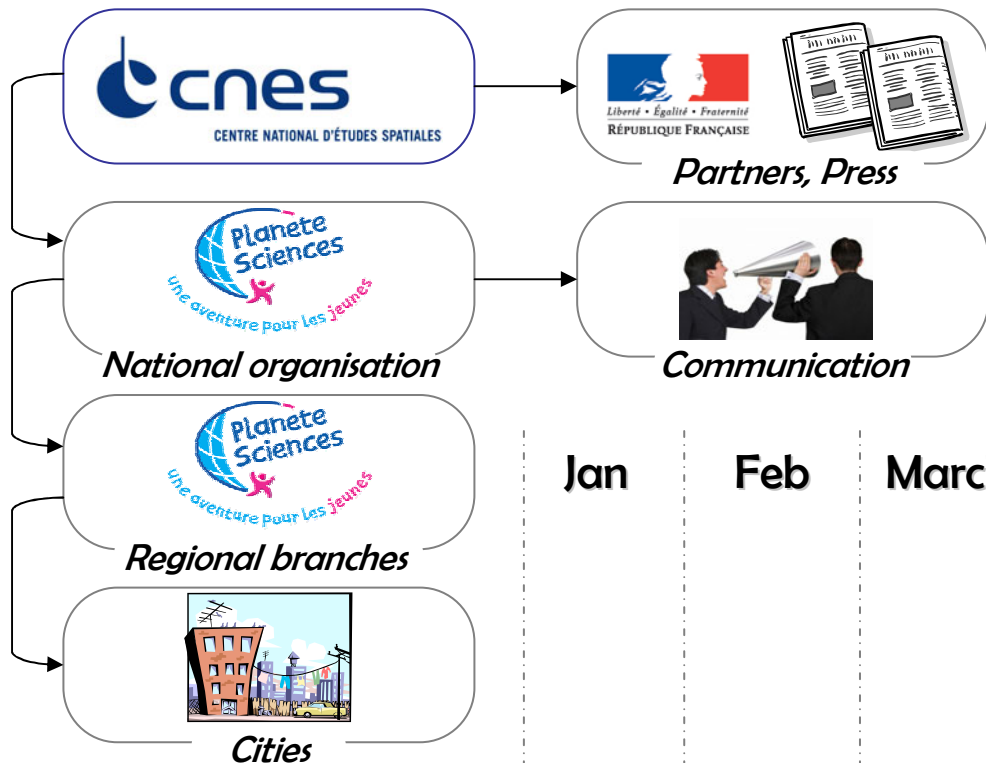
- To contribute helping **youngsters** from **deprived areas** to find their place in society
- To **boost** their city's and neighborhood's **image**
- To **encourage** long-term local **initiatives** for scientific activities, with a focus on space topics
- Making **science** something they can **enjoy**

espace
DANS
MA
VILLE



ORGANISATION, SCHEDULE & COORDINATION

A 13 months schedule



Jan Feb March April Mai June July August Sept Oct



Sites selection, trainings, material, planning, equipment, pedagogy, documentation, logistics, packaging, execution

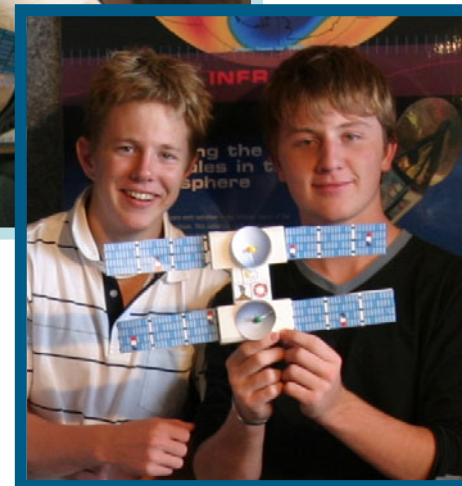
➤ Indoor and Outdoor Spaces



INFRASTRUCTURES IN THE CITY'S TARGET AREA

- Wide indoor surface
- Nearby outdoor space
- Football field -or similar
- Swimming pool (option)

➤ Activities for all: Discovery

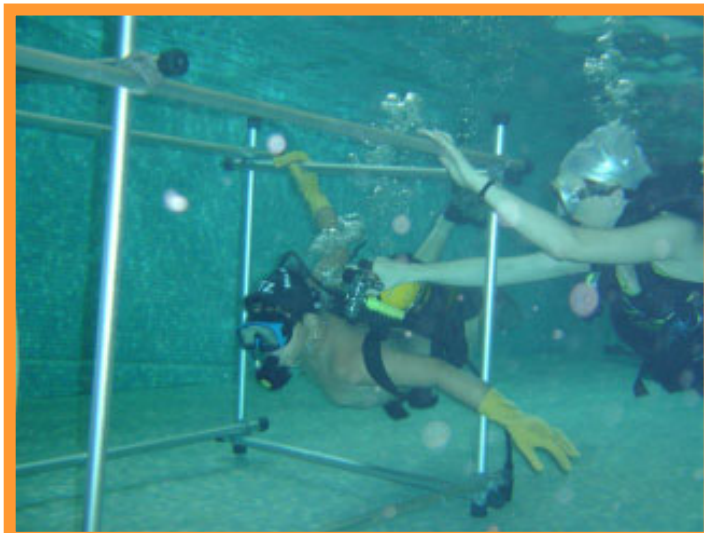


DISCOVERY ACTIVITIES

- Build your Satellite
- Space & Meteorology
- Giant Fresco
- Satellites to save the Earth
- Space training in swimming pool
- GPS Rally
- Planetarium
- Astronomy
- Build your solar system

Activities last for a couple of hours

➤ Activities for all: Discovery



DISCOVERY ACTIVITIES

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A TRUCK-LOAD OF ACTIVITIES

Activities for all: Project



Activities last for several days



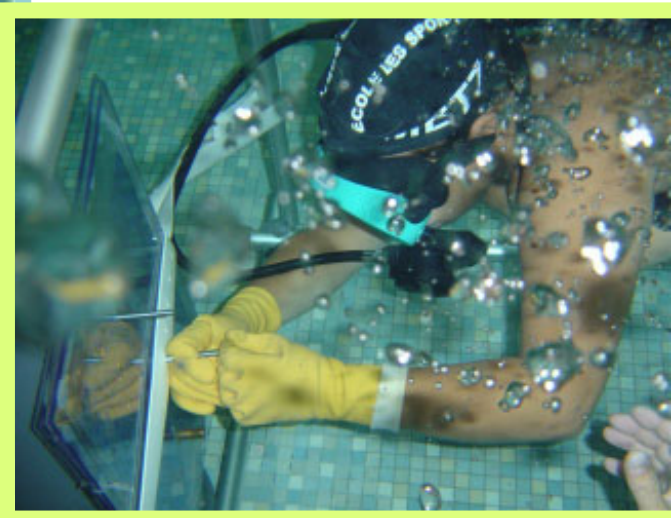
- PROJECT ACTIVITIES**
- Water Rockets
 - Micro-Rockets
 - Mars Rover
 - Weather Balloon

ZOOM ON: SPACE TRAINING IN SWIMMING POOL

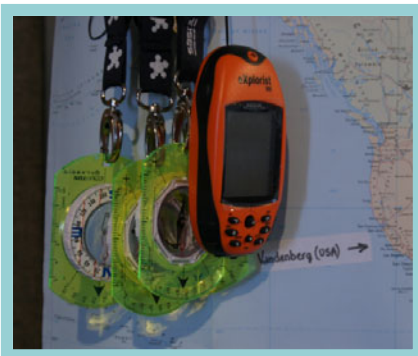
➤ ISS maintenance/repair



- ### OBJECTIVES
- Understand zero gravity
 - Discover ISS, its modules
 - Experience astronauts life (from their own feedback)
 - Learn from experience
 - Learn team work



➤ GPS, localization and My City



OBJECTIVES

- Learn about longitude, latitude
- Learn about triangulation
- Take a different look at the neighborhood

➤ Broadcast and promote youngsters realizations



LOCAL PROMOTION



BROADCAST & PROMOTE

- Locally: week-end party, cultural centers
- Regional level: media, non-profit organisations
- National level: French Parliament, CNES
- Collaterals



➤ Broadcast and promote youngsters realizations



REGIONAL PROMOTION

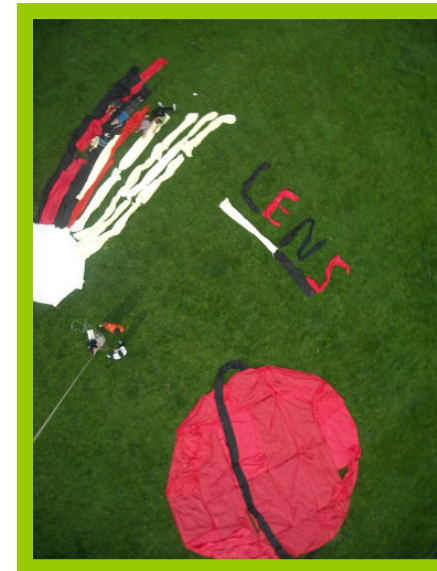


PROMOTION TO COUNTRY LEADERS

BROADCAST & PROMOTE

- Locally: week-end party, cultural centers
- Regional level: media, non-profit organisations
- National level: French Parliament, CNES
- Collaterals

- A model made to be replicated
 - Training of the science communicators of the programme
 - Training of the local players: thinking forward for the long term
 - Equipment and material: selection, packaging & improvement
 - Innovation: new activities proposed every year
 - Documentation: manual for coordinators, science communicator...





➤ Since 2005



| <i>Year</i> | <i>Cities</i> | <i>Participants</i> | <i>Distance travelled (km)</i> | <i>Permanent staff/year</i> |
|-------------|---------------|---------------------|--------------------------------|-----------------------------|
| 2005 | 5 | 2'000 | 2'000 | 0.5 |
| 2006 | 10 | 4'000 | 4'400 | 0.5 |
| 2007 | 17 | 10'000 | 7'500 | 1.2 |
| 2008 | 21 | 12'000 | 8'700 | 1.5 |
| 2009 | 19 | N/A | <i>Est. 7'000</i> | 1.5 |

➤ Space in my City:

- Is a programme that brings space discoveries/projects to underprivileged areas
- Is growing
- Is supported by National institutions
- Sees successful transfer to local organizations

➤ Space in *your* City:

- Strengthen logistics
- Improve and develop activities
- Extend reach to Europe
- Extend reach to new areas: rural, small cities



BACKUP SLIDES: DO YOU WANT TO KNOW MORE?



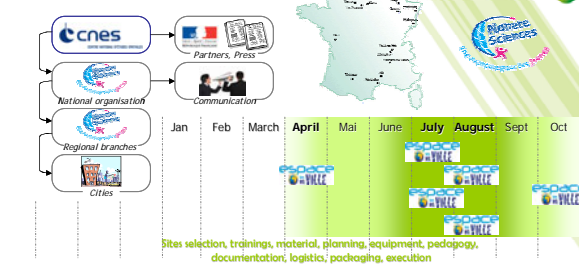
4 MAIN OBJECTIVES

- To contribute helping youngsters from deprived areas to find their place in society
- To boost their city's and neighborhood's image
- To encourage long-term local initiatives for scientific activities, with a focus on space topics
- Making science something they can enjoy



ORGANISATION, SCHEDULE & COORDINATION

➤ A 13 months schedule



SPACE IN MY CITY

➤ Bring space to underprivileged areas



SPACE IN MY CITY: A SOCIAL REACH

➤ Broadcast and promote youngsters realizations

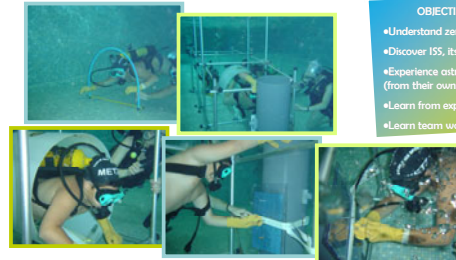


BROADCAST & PROMOTE

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ZOOM ON: SPACE TRAINING IN SWIMMING POOL

➤ ISS maintenance or repair

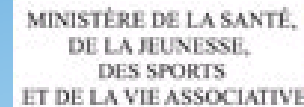
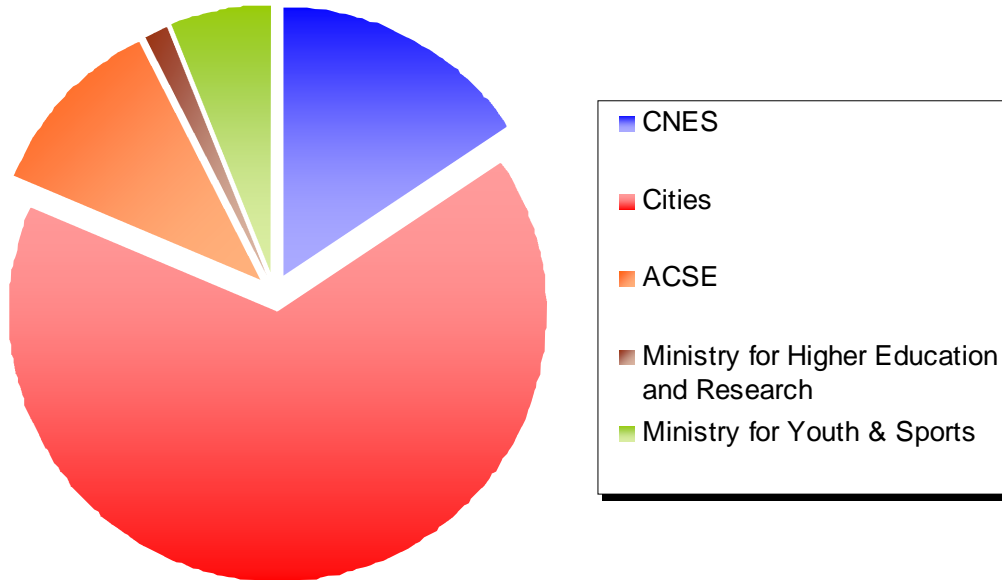


OBJECTIVES

- Understand zero gravity
- Discover ISS, its modules
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- Learn from experience
- Learn team work



"Space in my city": distribution of fundings







UFAE

Formations

Minif

Micro