

# Review of actions 2013

Actions

Costs

results

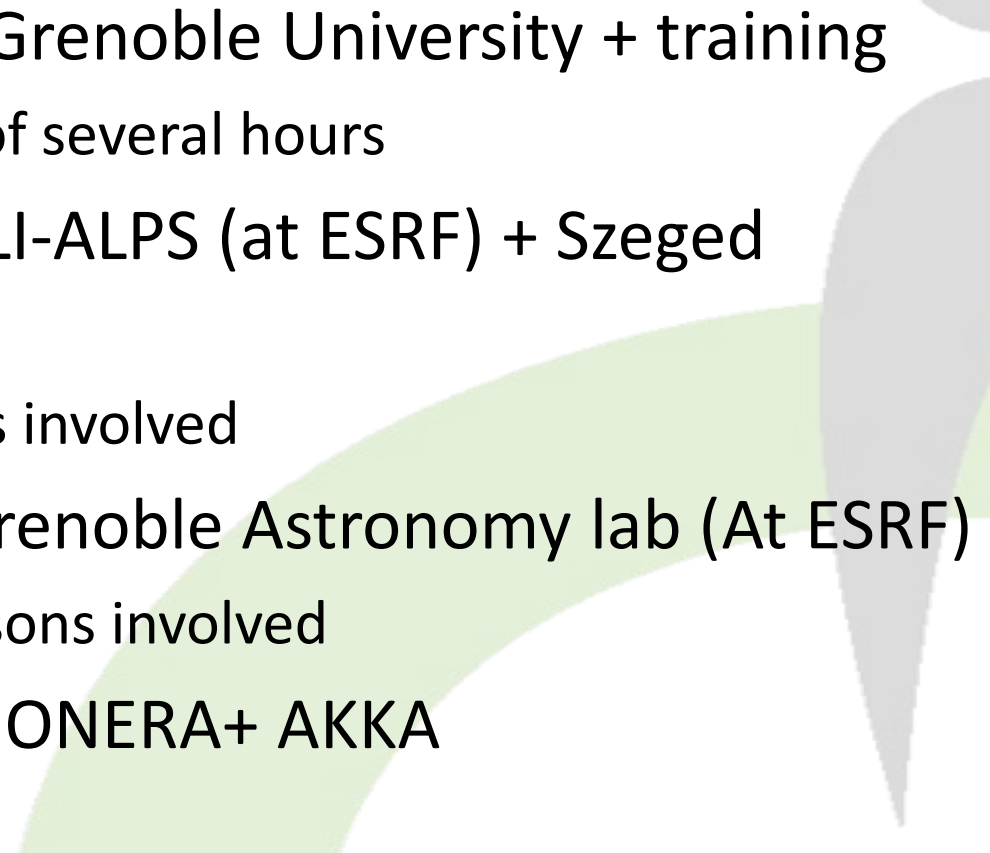
# Action list (preparatory phase)

- Definition of our needs
  - Cost: time
- Write a specification document for our needs
  - Cost: 6.9K€ supplier: Atos Worldgrid
- Intellectual Property analysis
  - External contribution of Inria
- Update the Virtual machine
  - Cost: time
- Prepare Device Server Identity card
  - Cost: Time (Theosis + ESRF)
- Visits to suppliers, video confs, meetings...
- Meetings for web site redesign

# Action list (outsourcing)

- Write an OPC-UA bridge
  - Cost: 9.4 K€ supplier: Nexeya
- Write a Tango2Epics bridge
  - Cost: 11K€ supplier: Cosylab
- Design a new graphical charter (logo, ppt, doc)
  - Cost: ESRF Graphic designer time (~ 2K€)
- New Tango Box, Develop a tutorial video
  - Cost: 10.9 K€ supplier Cosylab +
  - ESRF staff for update box ( simulators...) ( time: weeks)

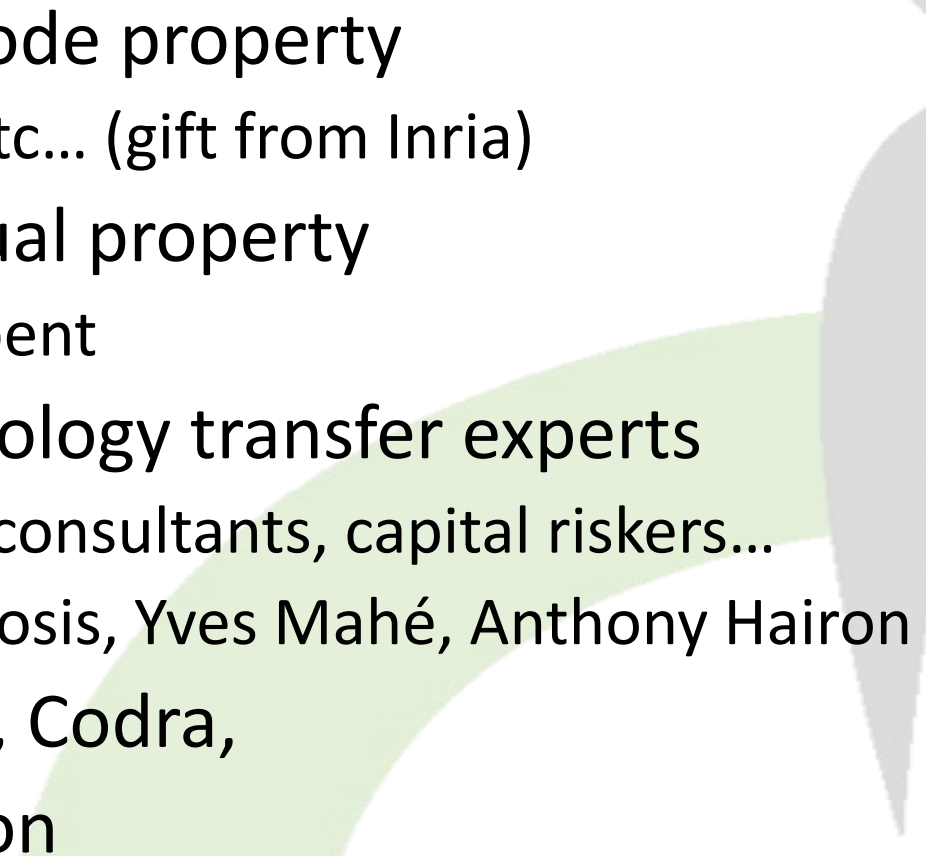
# Marketing Action list (local)

- TANGO workshop for Grenoble University + training
    - Several interventions of several hours
  - Tango workshop for ELI-ALPS (at ESRF) + Szeged university
    - 2 days, several persons involved
  - Tango workshop for Grenoble Astronomy lab (At ESRF)
    - Half a day, several persons involved
  - Visio Conference with ONERA+ AKKA
    - Several meetings
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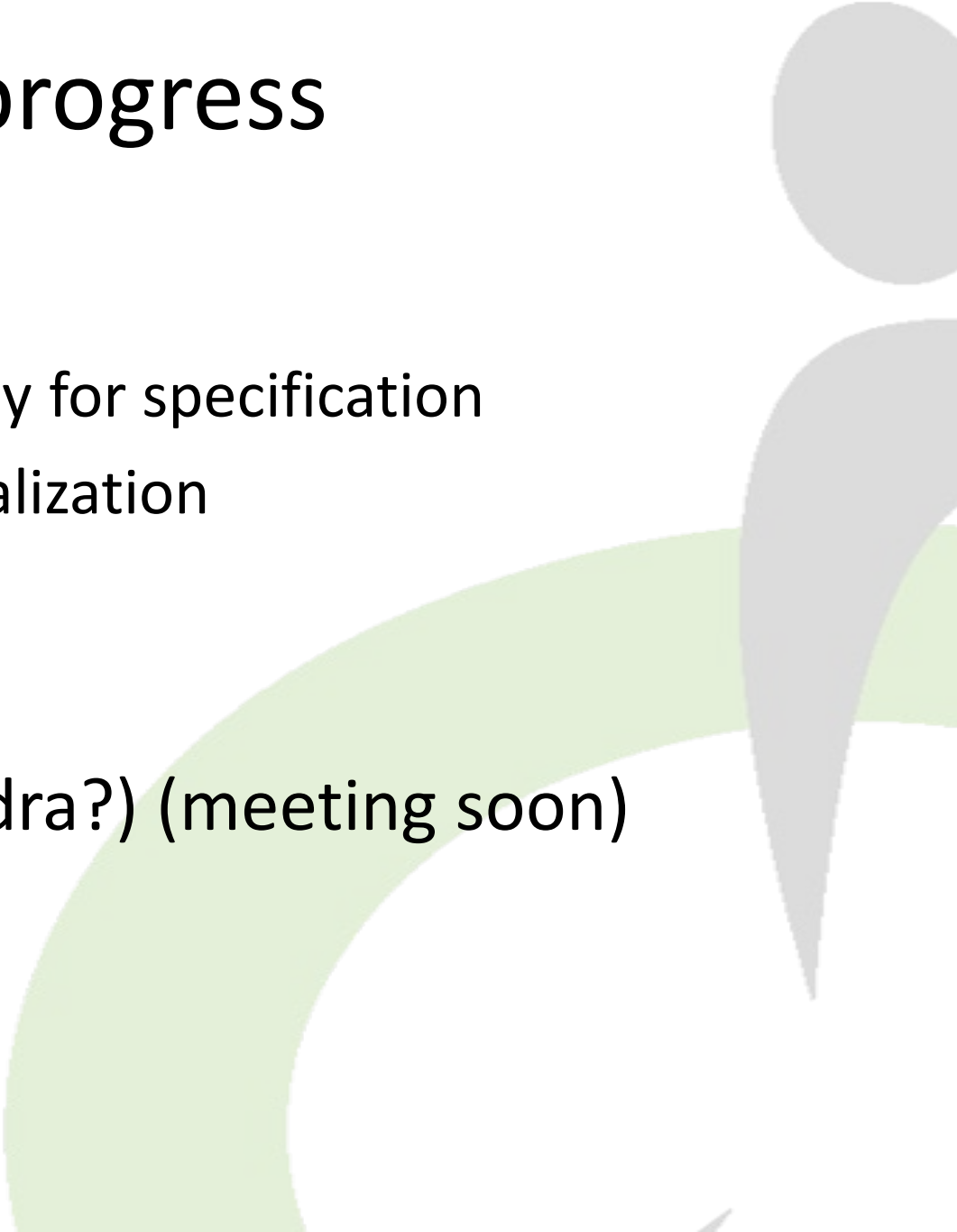
# Marketing Action list (travels)

- Etats Generaux Open source by French minister
  - 21 jan 2013 cost 2 persons (600€ + time)
- Industrial tour LaL, Nexeya, Cosylab, ITECH, + other companies
  - 13 march 2013 cost 3 persons (3.3 K€ + time)
- Mission at ELI Bucharest for promoting TANGO
  - 24/04/2013 cost travel + fees 2.5 K€ + time.
- Visit Nexeya for OPC-UA acceptance
  - 27 jul 2013 cost 462€ + time
- TANGO presented at CERN Industry reaserch event (Athens)
  - 1<sup>st</sup> dec 2013, cost 635€ + time
- Industrial tour: National Instruments, Thalès service, IN2P3
  - 22 and 23 Jan 2014 Cost: 4 persons travel (1.2k€+ time )
- Tango workshop for SKA (In Trieste)
  - 1 apr 2014 Cost: 2 persons travel (1K€ + time)

# Consortium preparation

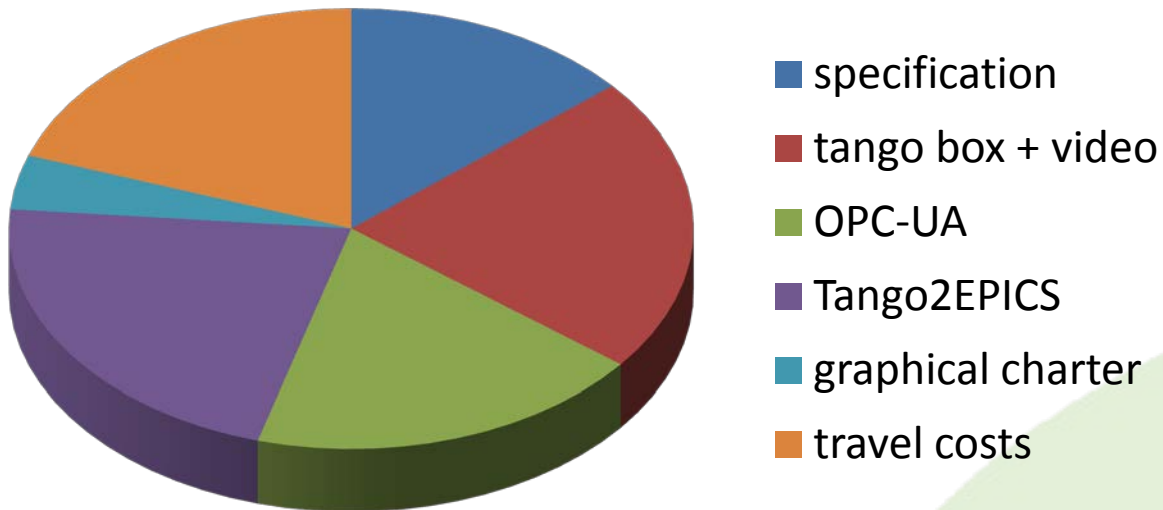
- Analysis of TANGO code property
    - Licencing, authors, etc... (gift from Inria)
  - Protect the intellectual property
    - (Logo, name) time spent
  - Meetings with technology transfer experts
    - Lawyers, CEA office, consultants, capital riskers...
    - Discussions with Theosis, Yves Mahé, Anthony Hairon
  - Meeting with Thalès, Codra,
  - Document elaboration
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- A decorative graphic in the background on the right side of the slide. It consists of a grey silhouette of a person's head and shoulders, and a large, light green, curved shape that resembles a stylized leaf or a swoosh, partially overlapping the person's silhouette.

# In progress

- Web site re-design
    - External consultancy for specification
    - Outsourcing the realization
    - Hosting
  - Consortium set-up
  - Dual-licencing, (Codra?) (meeting soon)
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- A decorative graphic on the right side of the slide depicts a stylized human figure. The head is a light grey circle, and the torso is a larger, light grey shape. A thick, light green curved band sweeps across the lower half of the figure, suggesting movement or a path. The overall style is minimalist and modern.

# Total outsourcing + travel

Total 50K€



+ Time spent: around 3.5man\*months  
(ESRF staff + Inria + Gravit consultant + Web designer)



# Results

- The new logo is much more attractive
- TANGO is more visible
- We have a Tutorial, a OPC-UA bridge, a EPICS bridge
- ELI-ALPS Hungary adopted TANGO
- ELI-BEAMS Check, previously started with EPICS, switched to TANGO
- ELI-NP Romania, started with TANGO on Laser (EPICS still there...)
- ONERA has chosen TANGO
- Thalès service has a team of TANGO developers
- Cosylab Built a TANGO courses.
- Codra is interested to pay license for integrating TANGO in Panorama
- Grenoble Institute of Technology built a TANGO course for their students
- Szeged university is preparing a TANGO course and training
- SKA is studying TANGO
- Interesting contacts with several CERN departments
  - TANGO for CERN powersupplies
  - White Rabbit team

# To be continued

- Web site redesign (Urgent)
- Assist SKA, Onera
- ELI beams wants a Tango workshop
- Contact CERN and follow-up
- Work on the legal aspect of TANGO consortium...
- ...

