

ARTES Applications entry points

Francesco Feliciani - ESA

ARTES Applications Workshop 2013

Palazzo Salviati, Rome – 18th and 19th April 2013

ARTES applications opportunities



A survival guide to find your way among the available options...



WHAT IS NOT COVERED IN THIS PRESENTATION:

- The history of the different ARTES elements used to cover applications projects (ARTES: 3 Line 1, 4, 3-4 Satcom Apps, 20 and 21)
- The reasons for this confusing numbers (*no, it is not done on purpose...*)
- Figures, achievements and lessons learned

WHAT IS COVERED:

- What the opportunities are
- Main differences
- Access points
- Contact points in case you need to know more



ARTES 3-4 Satcom Applications (part of ARTES 3-4)

Develop and validate applications and services making use of Satcom
Typically supplier/industry driven

ARTES 20 Integrated Applications Promotion

Study, develop and validate integrated space applications (at least two
space assets) for pre-operational services
Typically user driven

ARTES 21 Sub-Element 2C SAT-AIS Applications/ Services

Supports the definition and development of new applications and
services utilising satellite based AIS (Automatic Identification System)
Data
Applications and service providers driven



ARTES 3-4 Satcom Applications (part of ARTES 3-4)

- Newcomers Initiative (small project)
- Study Activity for Satcom Applications (study to prepare for a project)
- Satcom Applications project

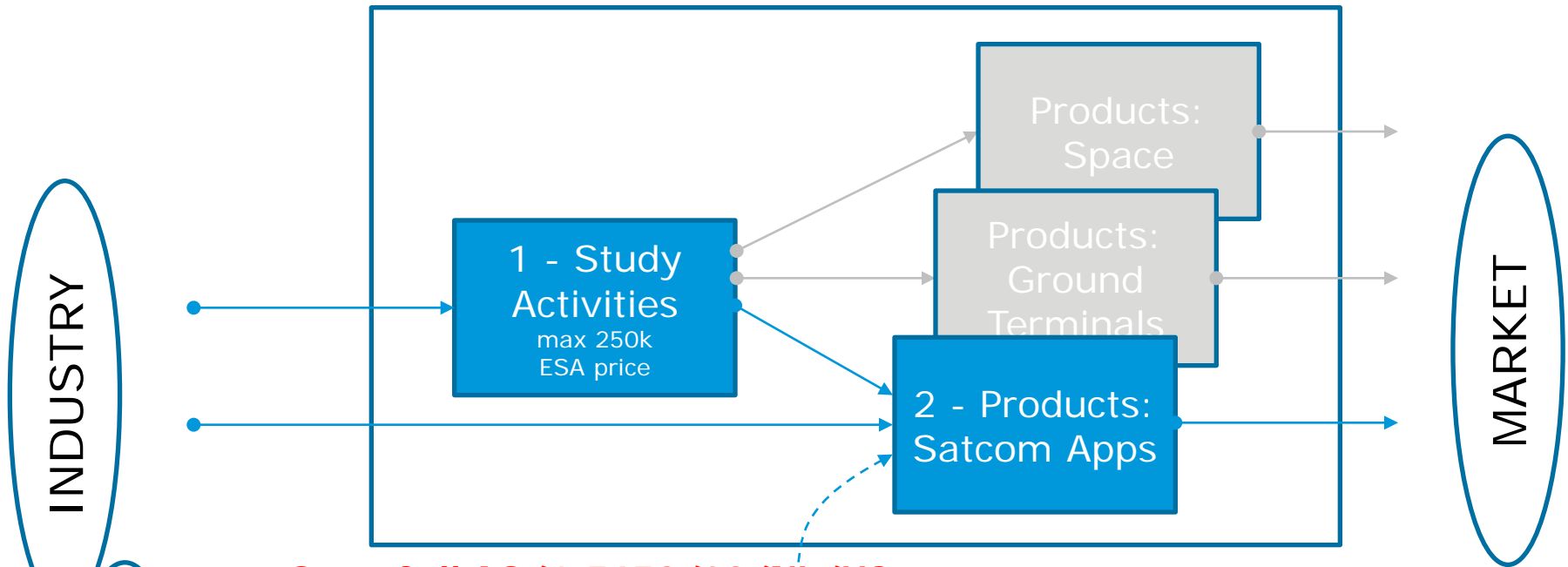
ARTES 20 Integrated Applications Promotion

- Feasibility Studies (open competition or direct submission)
- Demonstration Projects (mostly in direct submission)

ARTES 21 Sub-Element 2C SAT-AIS Applications/ Services

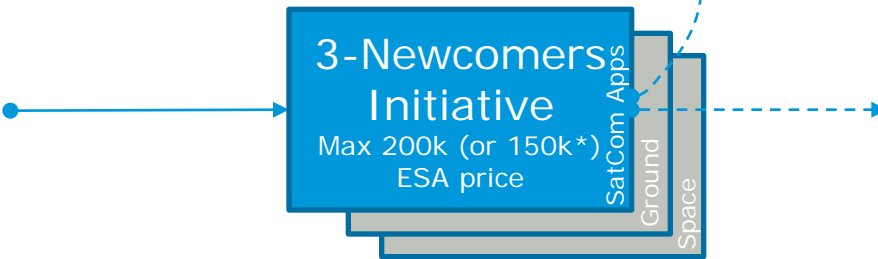
- Activities relevant for the design, development, integration, deployment and validation of new applications/services, which makes use of satellite based AIS data

Open Call AO/1-5891/08/NL/US ARTES 3-4 "Telecom - Products Programme"



Open Call AO/1-5658/08/NL/US "ESA Telecom – Newcomer's Initiative"

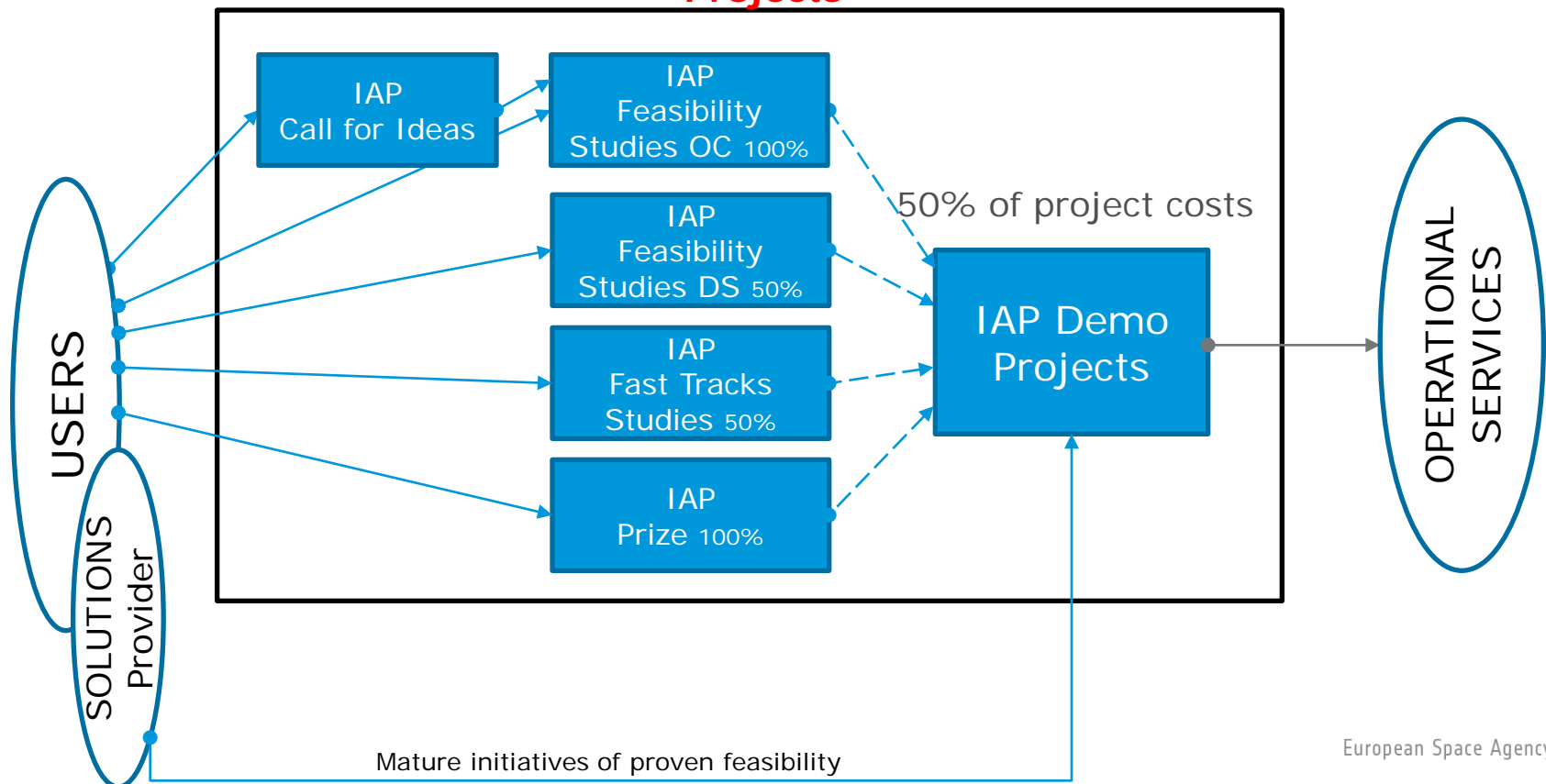
SMEs new to ESA Telecom



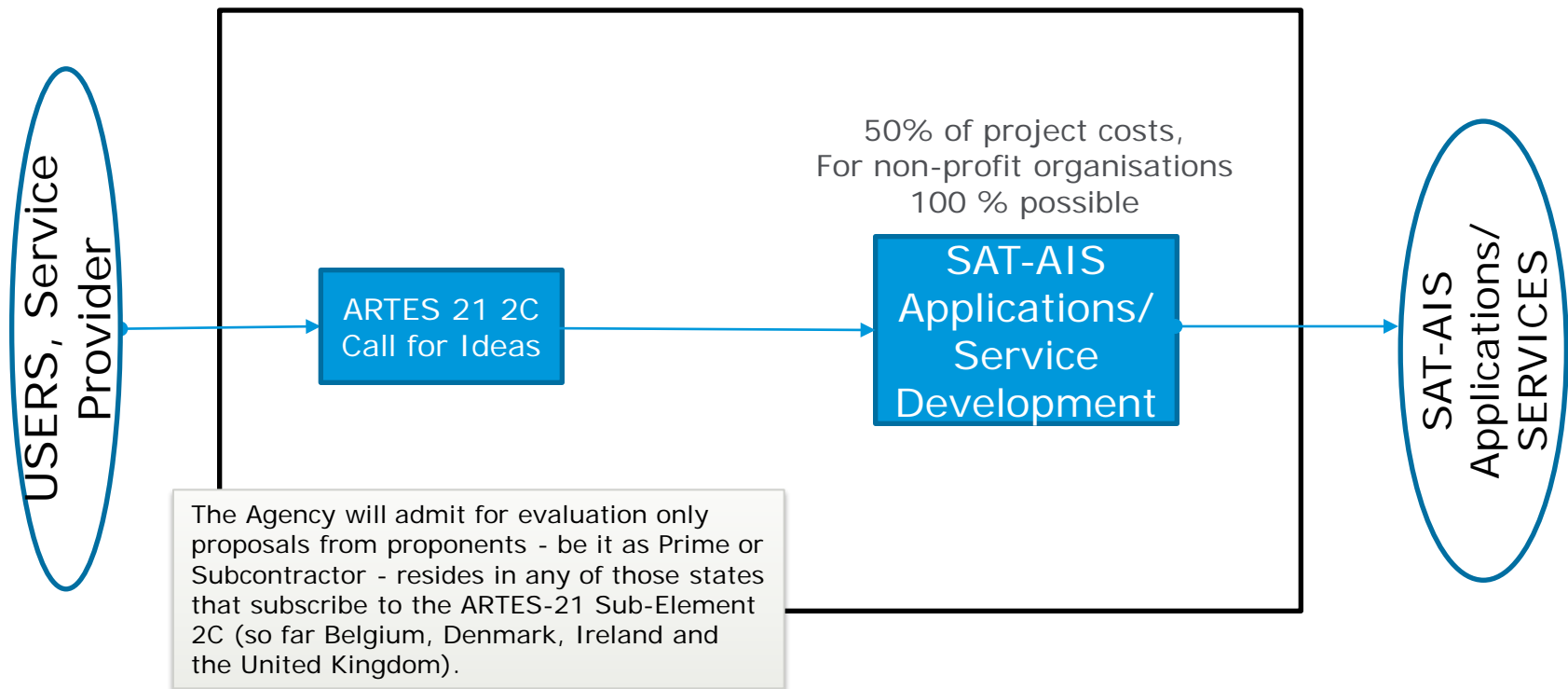
For all activities: ESA price can be up to 50% of the project costs

*: 150k for F and NL

Open Call AO/1-6124/09/NL/US ARTES 20 "Integrated Applications Promotion (IAP) Programme - Feasibility Studies/Demonstration Projects"



**Open Call AO/TBC "Satellite based Automatic Identification System
Sub-Element 2C Innovative SAT-AIS Applications and Services"**



integrated & telecommunications applications
European Space Agency

ESA
Home
What & Why
Opportunities
News & Events
Projects
Showcases
Communities
3-Apr-2013

Start now!

- Beginners Guide
- See Showcases
- Your Opportunities
- Join Communities

What & Why

- In Brief
- Beginners Guide
- Proposal Guide
- User-Driven Missions
- Background
- Why Register
- Opportunities
- News & Events
- Projects
- Showcases
- Communities
- Contact & Support

[@ Newsletter](#)

[RSS Feed](#)

In Brief

Introduction

IAP

SATCOM-APPS

USER-DRIVEN MISSIONS

Next

A single gateway for ARTES Applications and User-Driven Missions

This portal provides a single gateway for ARTES applications promoted by the Integrated Applications Programme (IAP - ARTES element 20) and the Satellite Telecommunications Applications (SATCOM-APPS - part of ARTES element 3-4). It also provides information on the user-driven mission targeting a Satellite Automatic Identification System (SAT-AIS - ARTES element 21).

Space-based solutions and services

IAP and SATCOM-APPS programmes are dedicated to develop and promote applications and services that use space systems, with the objectives to establish sustainable operational solutions. The specific objectives of the two programmes are slightly different:

The SATCOM-APPS programme is aimed at applications and services making use of satellite telecommunications, with a strong orientation to commercially viable solutions.

The IAP programme, on the other hand, is focussed on the evolution of customized solutions and the establishment of innovative services based on feasibility and demonstration projects as well as awareness activities. In IAP, the combination of different space elements (like Satellite-Telecommunications, Earth Observation and Navigation, as well as Human Spaceflight technologies), in association to terrestrial systems where relevant, creates capabilities that are greater than the sum of their parts.

Who is implementing it?

At ESA the Integrated and Telecommunications related Applications Department (IAD) manages the IAP

Highlight

Are you planning to submit a proposal ?

Opportunities

Closes:

- ▶ Intended Tender: Spaced-based services for winter road maintenance

Closes:

- ▶ Intended Tender: Water Availability

Closes: 30 May, 2013

- ▶ Open Competition: Improved Situational Awareness in the Arctic

Closes: 15 September, 2014

- ▶ Operator Opportunity: Joint SES Broadband/ESA Applications Initiative

Closes: 14 April, 2014

- ▶ Operator Opportunity: Avanti HYLAS 1 Applications

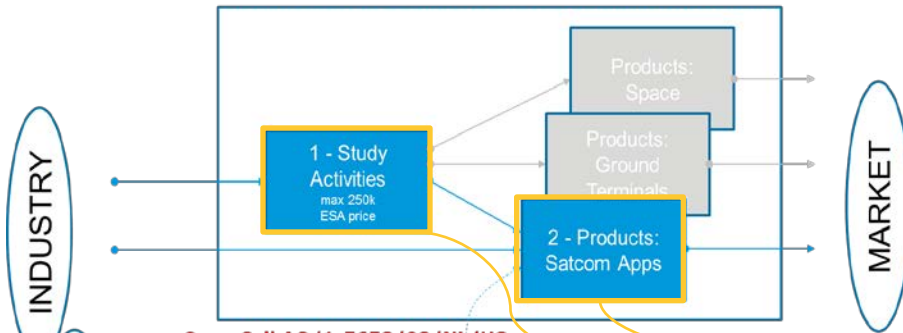
More

News & Events

- 20 Mar, 2013
- ▶ IAP launches its Ambassador Platform for SMEs in Brussels
- 11 Mar, 2013
- ▶ Central issues discussed at Transoceanic Forests



Open Call AO/1-5891/08/NL/US ARTES 3-4 "Telecom - Products Programme"

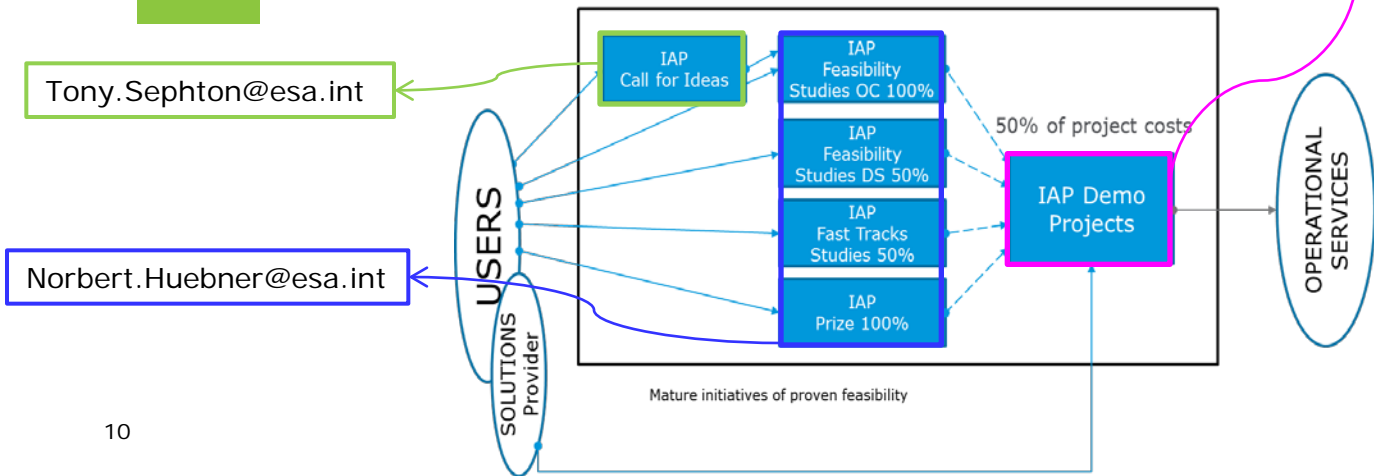


ARTES 3-4 Satcom Apps

Open Call AO/1-5658/08/NL/US "ESA Telecom - Newcomer's Initiative"



Open Call AO/1-6124/09/NL/US ARTES 20 "Integrated Applications Promotion (IAP) Programme - Feasibility Studies/Demonstration Projects"

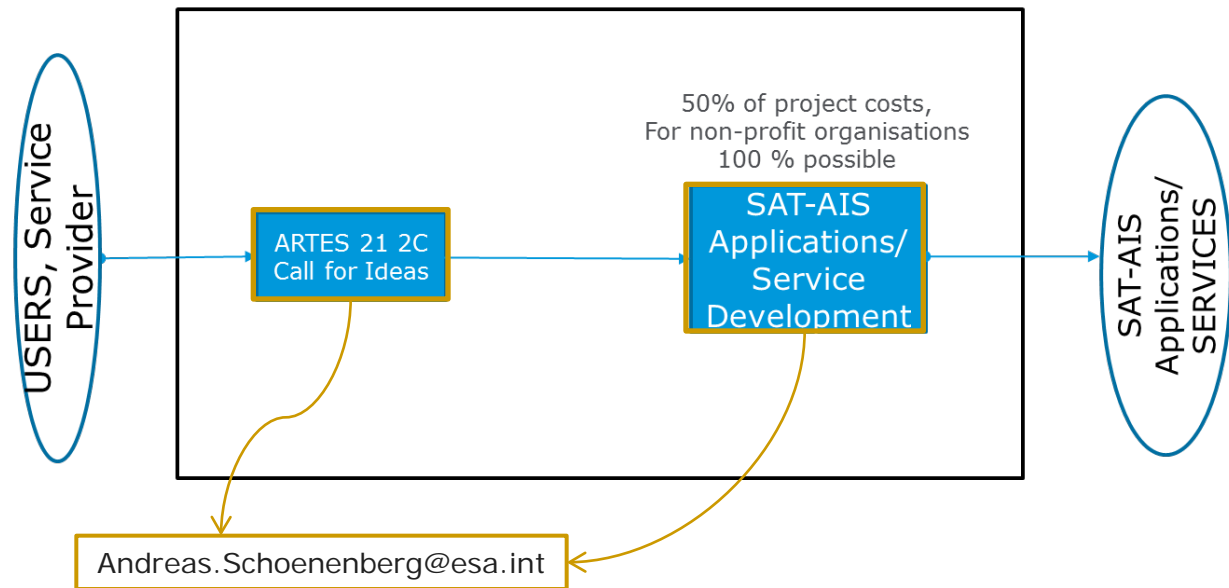


Rita.Rinaldo@esa.int
Francesco.Feliciani@esa.int

ARTES 20 IAP



Open Call AO/TBC "Satellite based Automatic Identification System Sub-Element 2C Innovative SAT-AIS Applications and Services"



General contact point in ESA:
iap@esa.int

Thank you!