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FISI Project - contract n°257118

D4.5.1 SatCom event report - 1st year

FISI project executive summary

The FISI project aims at supporting the Integral SatCom Initiative (Technology Platform) in defining a strategic vision on innovation priorities to reinforce the competitiveness of the European SatCom industry and in promoting emerging SatCom architectures in response to EU policy objectives.

Involving leading European satellite manufacturers, Research Institutes/Universities, SME, and a Service provider in the SatCom domain, FISI will serve the interest of all European SatCom industry stakeholders gathered in the ISI technology platform (www.isi-initiative.org) by highlighting and promoting the added value of emerging SatCom architectures in the support of EC grand challenges including broadband for all, security and Future Internet; Harmonising the research and innovation priorities for the European SatCom industry sector; And promoting an ambitious framework program to maintain the technological edge, international competitiveness and market share of the European SatCom industry.

Abstract

This deliverable contains the report of the 4th ISI SatCom event which was held on October 18-19, 2011 in Brussels, Belgium. Taking into account the outcomes of such event, the document also provides some indications regarding potential topics which could be discussed during the 5th ISI SatCom event which will be held on April 11, 2012, in Brussels.

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1 Introduction

This deliverables contains the report of the 4th ISI SatCom event which was held on October 18-19, 2011 in Brussels, Belgium.

The ISI SatCom event aimed at focusing the discussion on key topics related to the role of SatCom in Europe. Four different panels were organized along with a keynote speech for each session:

- **Panel #1 - ISI & EU security:** aimed at defining how SatCom can support EU internal and external security, also including support to emergency services to face global and local crises, and identifying the SatCom role in a global, integrated & secure communication infrastructure.
- **Panel #2 - ISI & Future Internet:** aimed at defining how satellites can play a part in meeting the grand challenges in future networks, specifying the SatCom role in the Future Internet framework, and identifying SatCom key features to be applied in the Future Internet services.
- **Panel #3 - ISI & the World (International Cooperation and relations with Emerging Economies):** aimed at defining how SatCom can support developing countries, for which application scenarios (public services, emergency services, telemedicine, e-learning, etc.) SatCom can be a key technology in those countries which lack in infrastructure and how SatCom can help to bridge the digital divide in such countries. The panel aimed also at discussing possibilities to cooperate with partners beyond Europe, regarding cooperative research at earlier stages of the overall innovation chain.
- **Panel #4 - ISI & Rural Development:** aimed at discussing how future Satellite Broadband access can contribute to the development of rural areas.

Comments from audience have been collected in order to have a feedback useful for the organization of the subsequent SatCom event and to better understand the interests and the opinions of the participants on the discussed topics.

In the following, the outcomes of 4th ISI SatCom event are reported along with some indications for the next ISI SatCom day, regarding the organization and potential topics to be discussed.

2 The 4th ISI SatCom Event

The 4th ISI SatCom event was a two-day meeting (October 18, 2011 in the afternoon, October 19, 2011 all day) held at Conseil Central de l'Economie (CCE) – Room 1, 17-21, avenue de la Joyeuse entrée, Brussels. It was co-located with the 14th ISI General Assembly.

The event was structured in key note speeches and panel discussions where participants presented their vision and opened the discussion on the selected topic. In particular, two main sessions were organized per day, as reported in the Agenda below.

October 18th, 14:30 – 18:30

Schedule	Agenda item description
14:30	Welcome to 4 th SatCom day
14:30-16:30	ISI & EU Security : “How to strengthen the European Disaster Response?: The role of satellite” Key note speech “Space and security” Mr Karl Von Wogau, Secretary General of the Kangaroo Group (and Honorary Member of the European Parliament) Panel moderated by P. Boutry (Astrium), V. Fogliati (Telespazio)
16:30	Coffee break
17:00-18:30	ISI & Future Internet: “Is there a role for Satellite in Future Internet?” Panel moderated by K. Liolis (Space Hellas), A. Yun (Thales Alenia Space)
18:30	End of session
19:00	ISI dinner

October 19th, 09:00 – 16:30

Schedule	Agenda item description
09:00	Welcome + coffee
09:30 – 12:00	ISI & the World (International Cooperation and relations with Emerging Economies) Key note speech – Martin Jarrold, Global VSAT Forum Panel moderated by J. Sesena (Rose), B. Evans (CCSR)
12:00 – 12:30	Special session on FP7-ICT Call 8
12:30-14:00	Lunch
14:00 – 16:00	ISI & Rural Development: “What are the conditions for broadband access via Satellite to be accepted by the market?” Key note speech – Pertti Jauhiainen (European Commission Information Society and Media) Panel moderated by Laurent Thomasson (EADS Astrium)

16:00 – 16:30	Wrap up discussion
16:30	End of 4 th SatCom day

Each panel has been organized according to the following guidelines provided the panel organizers before the event:

- Key note speech duration shall be typically 20 minutes.
- Moderators shall present the panel members and introduce the objective of the panel discussion.
- Each panelist shall introduce his vision (5 minutes per panelist).
- A set of questions shall be addressed and panelists shall answer and debate on the topic.
- Afterwards, the audience (or moderator if not questions from the audience) could raise additional questions to one or several panelists.
- For concluding, each panelist may add some words to conclude the discussion.

An evaluation form has been circulated among attendees during each panel session in order to get their feedback on the discussion. Moreover, at the end of the event, a form to evaluate the overall organization has been distributed among all participants to collect comments and suggestions. The proposed questionnaires are reported in Annex B, along with the Web form which has been made available to all attendees to give the opportunity to those people who were not able to fill the forms during the event, to provide organizers with their feedback.

In the following, the summary of each panel discussion is reported along with the feedback received from audience.

2.1 Panel #1: ISI & EU security

2.1.1 Panel Title

ISI & EU Security: “How to strengthen the European Disaster Response? The role of satellite”

2.1.2 Rationale and Goal

This panel aimed at discussing the opportunity to launch an ambitious framework program on SatCom to the institutional demand in SatCom for Security at European Level in support of a European Security policy and at identifying the way forward.

2.1.3 Panel Organizers and Moderators

The Panel has been organized by:

- Philippe Boutry, Leader of the ISI Markes & SatComs solutions Working Group
- Vincenzo Fogliati, Leader of the ISICOM Task force

The Panel organizers have been in charge of:

- inviting the Panelist;
- identifying the moderator among the invited panelist on the basis of the experience and skills of spur discussion on the Panel topic;
- producing a list of key questions to be addressed by the Moderator to the Panelists;
- producing a list of key questions to be used by selected ISI members in the audience to keep alive the discussion;
- identifying ISI members to be serve as facilitator of the discussion.

2.1.4 Key note speech

The keynote speaker was:

- Karl Von Wogau, President of the Kangaroo group (former MEP)

He provided a feedback on the current use of SatCom during crisis: main achievements and identified limitations.

2.1.5 Panelists

- Mr. Karl Von Wogau, President of the Kangaroo group (former MEP)
- Mr. Hans Das, DG ECHO Unit responsible
- Mr. Rodolphe PARIS, EDA Communication & Information Systems
- Mrs. Marianne Donven, Assistance Humanitaire Desk, Lux. foreign Ministry
- ESA participant

2.1.6 Questions or topics addressed during the panel

- What has to be improved in term of communication?
- What is the current status of involvement of EU in recent crises (internal to EU and outside EU)
 - Lessons learned from recent crises (Haiti, etc.)
 - Visibility, efficiency, recognition by international instances
- What is the current role of SatCom in PPDR missions?
 - Who/which organisation is in charge of these missions (Role of EEAS, role of DG ECHO)
- Duality between military and civil participants during crisis
 - Inside and outside EU
 - The point of view of EDA
- What do you expect from SatCom for future missions?
 - Functions/roles to be ensured by SatCom
- Do you have any view/any idea on the best approach on the SatCom solutions to be implemented to support the EU objectives in terms of security?

Discussion:

- Need to better spending in Security issues
- Kangaroo group vision
- European security strategy (Solana's strategy)
- UN missions
 - Protection of election in Congo
 - Sudan
- Civilian missions
- Satellite use for the coordination of support teams
 - Navigation
 - Galileo
 - Observation
 - GMES
- Different actors
 - Military
 - Civilian
 - NGOs
- Communication tools are expected to provide a quick answer and to be:
 - robust

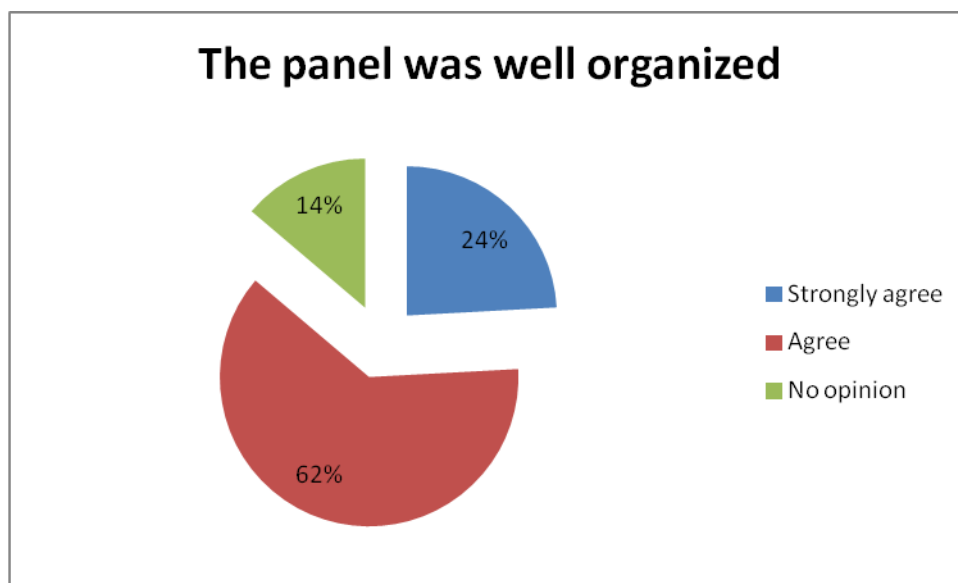
- reliable
- sophisticated
- more satellite capacity to make available
- cost efficient
- Before standardization, a robust infrastructure for both civilian and military use in Europe has to make available
- Presentation on different projects related to Safety, Emergency, and Disasters.

2.1.7 Feedback from audience

In the following, aggregated results are reported for the questions proposed to the Panel attendees. In this case, **29 participants** answered to the questionnaire (refer to Annex B for the list of questions).

1. Please, indicate if you agree/disagree with the following statement: "The Panel was well organized"

The average vote has been **4.1** out of 5, where the value 5 means "Strongly agree".

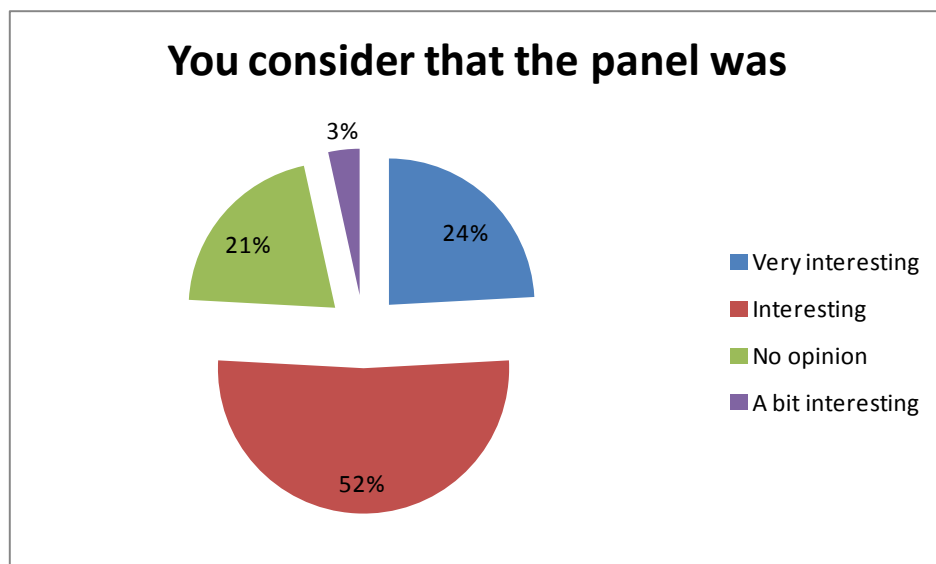


Suggestions and comments from audience:

- To differentiate more the focus topics more among speakers.
- To report names of speakers in the agenda and add names tags on the tables.
- To make available slides in support to the presentations to further capture the attention.
- The quality of the panellists was very high, the subject well addressed which opens up new perspective for the industry, the level of interactions between panelists and with the audience very significant. Besides, the idea of continuing the panel discussion via a forum is of interest. This illustrates the potential impact such a panel may have.

2. You consider that the panel was

The average vote has been **4** out of 5, where the value 5 means "Very interesting".

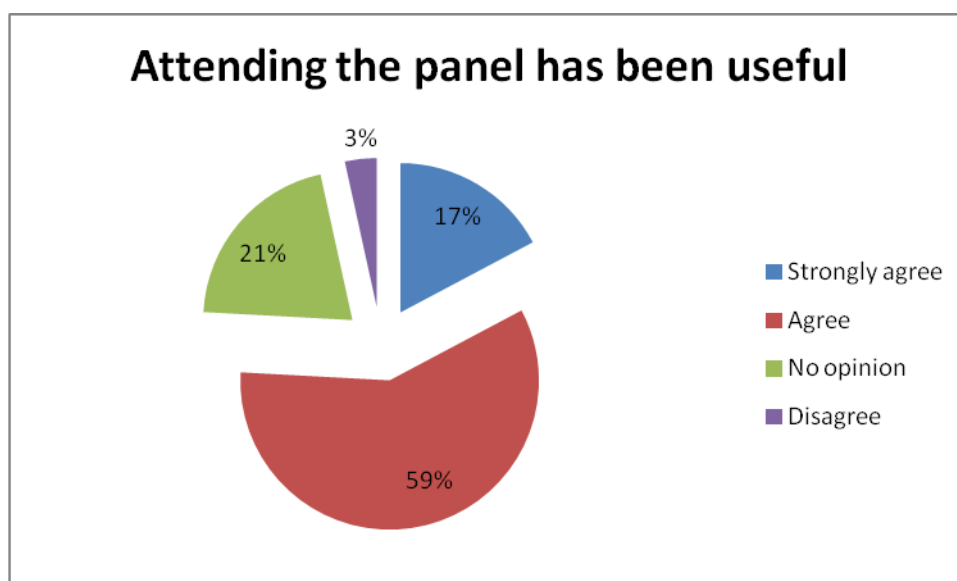


Suggestions and comments from audience:

- To focus more on how ISI can contribute in this context.

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful"

The average vote has been **3.9** out of 5, where the value 5 means "Strongly agree".



Suggestions and comments from audience:

- It is always useful to listen to people ideas.
- The discussion should include specifically what ISI can do to promote such efforts.

2.2 Panel #2: ISI & Future Internet

2.2.1 Panel Title

ISI & Future Internet: “Is there a role for Satellite in Future Internet?”

2.2.2 Rationale and Goal

The panel aimed at discussing these Future Internet aspects and at identifying proper actions to be performed by the SatCom Community and by Public Institutions in support of Future Internet objectives and implementation especially in the area of networked media.

The main goal was to assess the role of SatCom with respect to Future Internet evolutions.

2.2.3 Panel Organizers and Moderators

The Panel has been organized by:

- Ana Yun, Vice-Leader of the Markets & SatComs Solutions” Working Group
- Konstatinos Liolis, Member of the Markets & SatComs Solutions” Working Group

The Panel organizers have been in charge of:

- inviting the Panelist;
- identifying the moderator among the invited panelist on the basis of the experience and skills of spur discussion on the Panel topic;
- producing a list of key questions to be addressed by the Moderator to the Panelists;
- producing a list of key questions to be used by selected ISI members in the audience to keep alive the discussion;
- identifying ISI members to be serve as facilitator of the discussion.

2.2.4 Panelists

- Dr. Maria Guta (ESA/ESTEC)
- Ms. Ana Yun Garcia (Thales Alenia Space)
- Ms. Nuria de Lama (Atos Origin)
- Prof. George Polyzos (Athens University of Economics and Business)
- Mr. Diego Gimenez (ISDEFE)

2.2.5 Questions or topics addressed during the panel

- What is the role of satellites in Future Internet?
- Can SatCom be part of the evolution of Network of Networks?
- General satellite services market situation
- What does lead us to study integrated satellite/terrestrial networks?
- Information Centric Networking (ICN)
- ICN Applicability over Satellite
- SatCom convergence towards All-IP
- SatCom positioning wrt global network management system trends
- SatCom positioning wrt FI-enabled smart public safety and security systems
- ESA ARTES 1 Project “φSAT”
- FI PPP Core Project “FIWARE”

- FI PPP Use Case Project “SAFECITY”

Discussion:

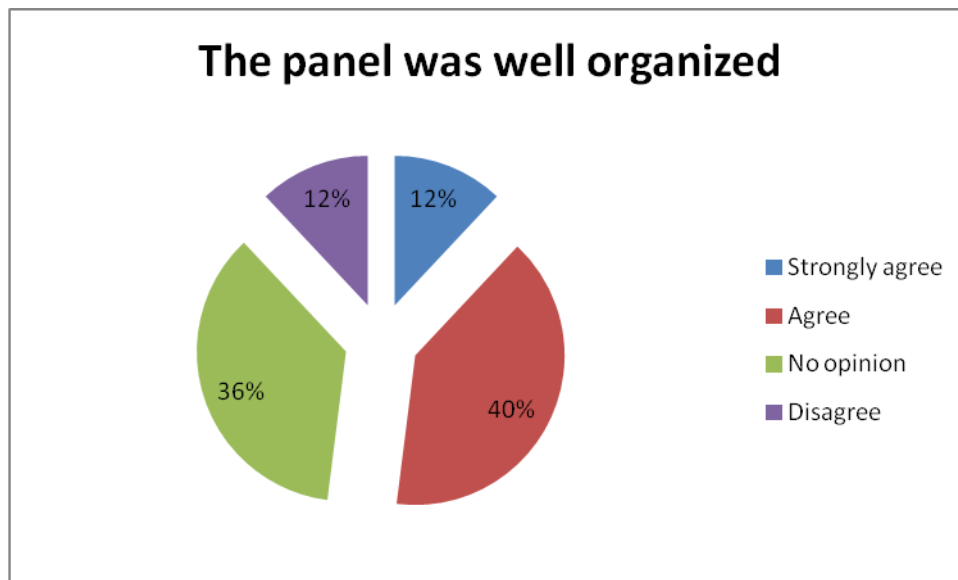
- Seamless integration between terrestrial and satellite network
 - Long term: seamless integration with FI networks
 - Medium term: seamless integration with LTE
- Opportunities for satellite
 - Served/unserved areas
 - TV & video consumer trend report Ericson 2011 & Idate: Future TV 2020
 - Video communications (broadcast and muticast)
 - M2M communications
- Presentation on different projects related to integration between satellite and terrestrial networks.

2.2.6 Feedback from audience

In the following, aggregated results are reported for the questions proposed to the Panel attendees. In this case, **25 participants** answered to the questionnaire (refer to Annex B for the list of questions).

1. Please, indicate if you agree/disagree with the following statement: "The Panel was well organized"

The average vote has been **3.4** out of 5, where the value 5 means “Strongly agree”.

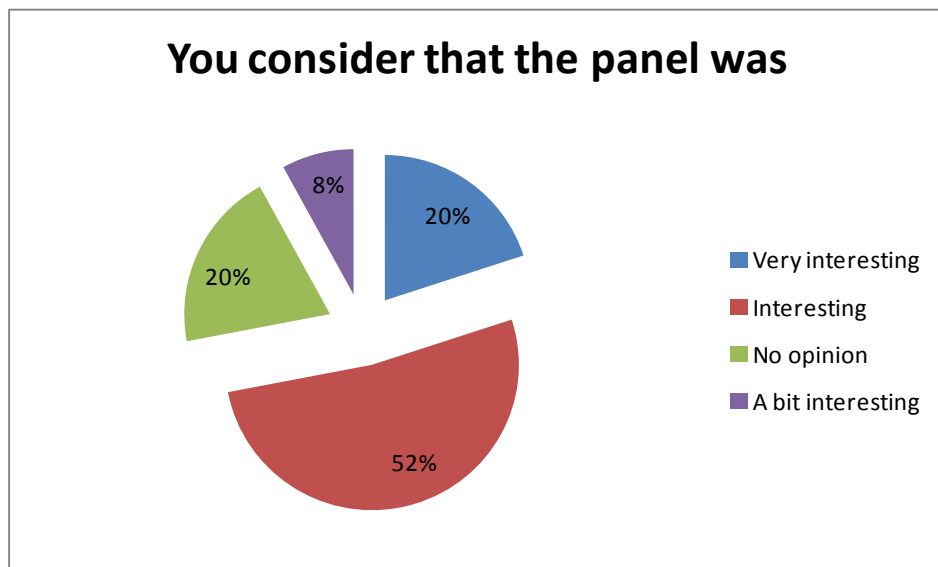


Suggestions and comments from audience:

- To limit the time allocated to presentations to have more time for discussion and questions/answers;
- To keep schedule and stop too longer presentations.
- Interesting presentations but no time enough left to Q&A.
- To force to use presentations on the screen to allow attendees to follow the discussion.
- To pre-distribute questions to panel participants and drive the discussions on 2 or 3 max important issues.
- Next time, to try to have representatives from SatCom manufacturing, ground equipment and services providers.

2. You consider that the panel was

The average vote has been **3.8** out of 5, where the value 5 means “Very interesting”.

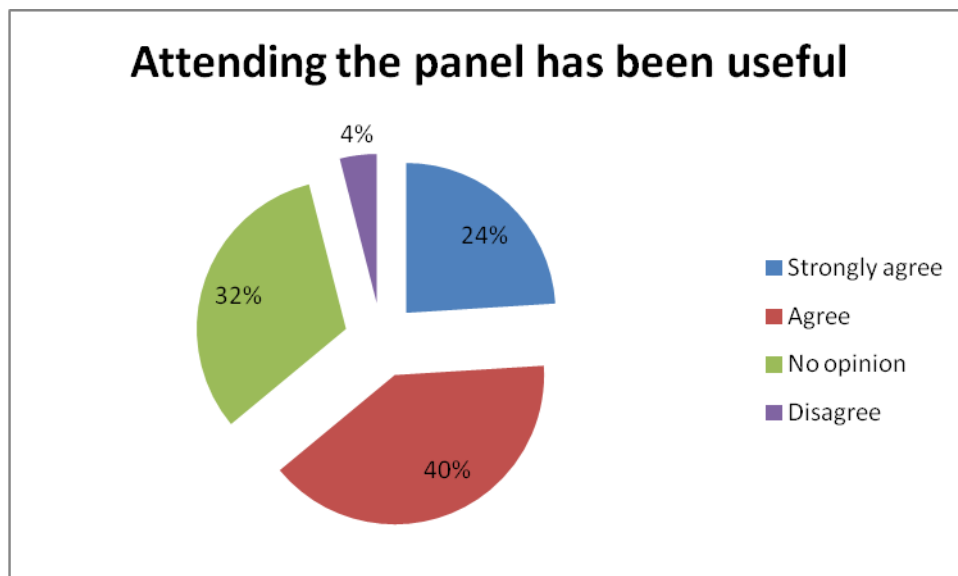


Suggestions and comments from audience:

- It is important for ISI to open to all EU technology platforms, to invite industry and operators from terrestrial world, to open up the SatCom sector that ISI represents to the outside world. In this case, fora like this will have more impact. Need to continue more in this direction.

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful"

The average vote has been **3.8** out of 5, where the value 5 means “Strongly agree”.



Suggestions and comments from audience:

- Not enough time to debate

- To understand the long and hard work in front of us in order to inform industry and prepare future developments around SatCom Future Internet, and to create use cases for services testing and integrating with terrestrial networks.
- It was difficult to see if a conclusion to the question was reached.

2.3 Panel #3: ISI & the World (International Cooperation and relations with Emerging Economies)

2.3.1 Rationale and Goal

The panel aimed at identifying proper actions to be performed by the SatCom Community from a global perspective and, in particular, by Public Institutions in support of emerging economies.

The main goal is to specify the role of SatCom from a global perspective including consideration to the needs of emerging countries and to which needs SatCom should respond.

Moreover, the panel aimed at discussing possibilities to cooperate with partners beyond Europe, regarding cooperative research at earlier stages of the overall innovation chain. This cooperation benefited on many aspects, like innovative spectrum usage by SatCom systems in order to promote a worldwide harmonized spectrum and related regulatory framework, adoption of standards at worldwide level, etc.

2.3.2 Panel Organizers and Moderators

The Panel has been organized by:

- Julian Sesena, Leader of Regulatory & Standardization Working Group
- Barry Evans, Member of the ISI Steering Council

The Panel organizers have been in charge of:

- inviting the Panelist;
- identifying the moderator among the invited panelist on the basis of the experience and skills of spur discussion on the Panel topic;
- producing a list of key questions to be addressed by the Moderator to the Panelists;
- producing a list of key questions to be used by selected ISI members in the audience to keep alive the discussion;
- identifying ISI members to be serve as facilitator of the discussion.

2.3.3 Key note speech

The keynote speech has been:

- Martin Jarrold, Global VSAT Forum

He opened the discussion on pre-positioned satellite infrastructure & training resource deployment for emergency management and development (disaster preparedness and prevention).

2.3.4 Panelists

- Robert Briskmann, Sirius XM Radio, USA
- Avi Gal, Gilat, Israel
- Christine Leurquin, SES, Luxembourg
- Julián Seseña, ROSE Vision, Spain

2.3.5 Questions or topics addressed during the panel

- Can satellite help the development of emerging economies?
- Can the international cooperation on research enhance the value proposition of European satellite industries?
- What are the relevant areas for efficient cooperation with overseas countries around the world in the SatCom domain?
- What is the future role of satellites in the Emerging Economies—is it increasing?
- What are the plans in Emerging Economies regarding own satellites?
- How can the impact of satellite systems be measured in terms of impact?
- What will the role of Governments as against private sector be in the future?
- What are the current views of users in terms of QoE and are there other user issues?
- What services are particularly suited to satellite in the emerging economies?
- Is there a need to go to Ka band for BB delivery and if so what are the issues?
- Is there a need for satellites for mobile backhaul?
- How big is the future satellite broadcast market in these countries?
- How to solve the issues of access to market access for European actors?

Discussion:

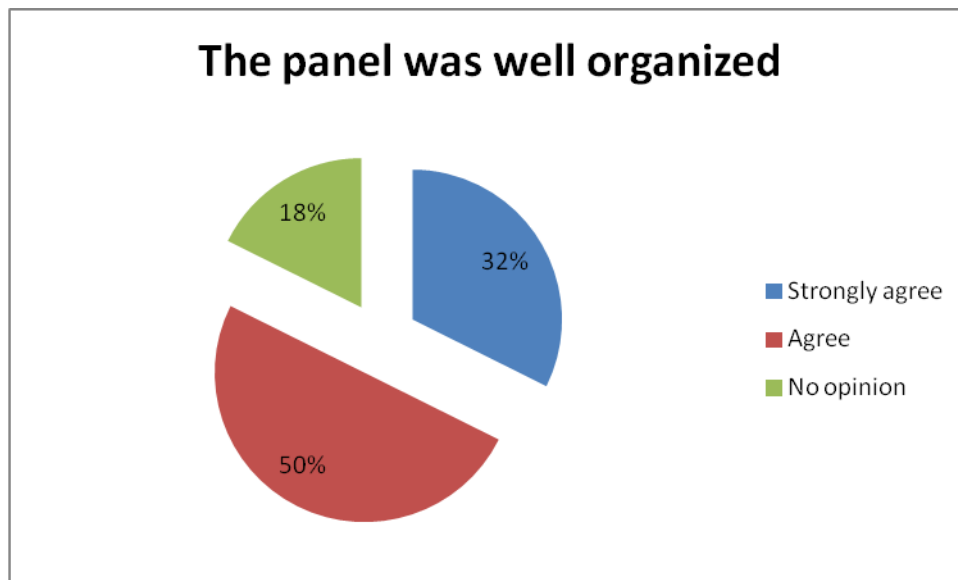
- How SatCom help developing economies.
- Need to more International Cooperation in R&D
- SES commitment to the emerging markets
 - Transition between analogue to digital TV
 - A2C main market is Africa (apart from Europe)
 - ESA ARTES 4: SatElections
 - Support to elections in Congo
 - SAHEL (Sub-Saharan Telemedicine initiative)
- Prioritize the Countries where cooperating.

2.3.6 Feedback from audience

In the following, aggregated results are reported for the questions proposed to the Panel attendees. In this case, **34 participants** answered to the questionnaire (refer to Annex B for the list of questions).

1. Please, indicate if you agree/disagree with the following statement: "The Panel was well organized"

The average vote has been **4.1** out of 5, where the value 5 means "Strongly agree".

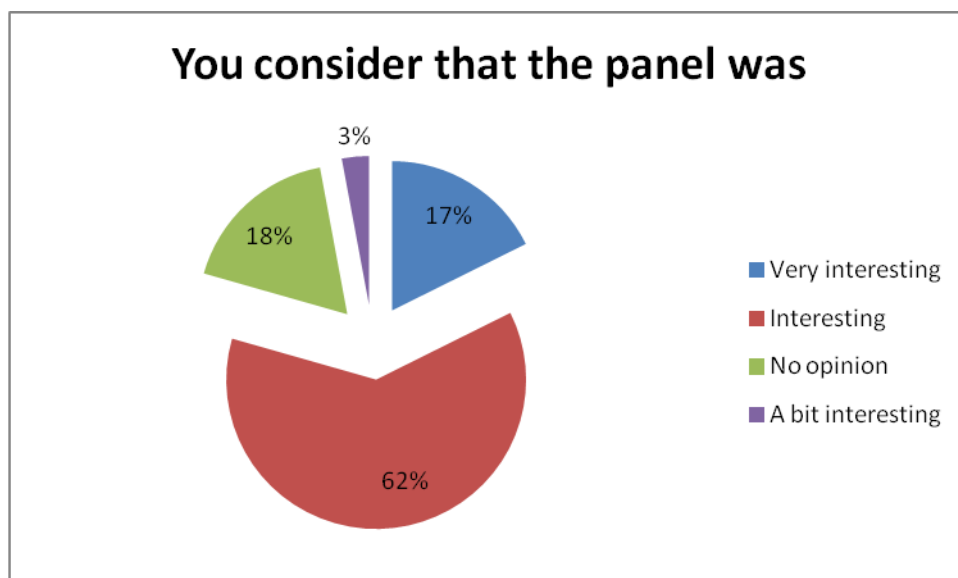


Suggestions and comments from audience:

- Good choice of panelists (operators, ground equipments, manufacturers, etc.)
- Context and speakers very relevant. Good chairmanship.
- There is the impression that relations with emerging economies was of very low order priority for satellite service providers. This discussion shows the ISI intention to change this situation.
- It is a very broad area and it could have been narrowed to focus on a specific topic from different perspectives as opposed to different topics covered separately by each speaker.
- There were too many sub-topics included.

2. You consider that the panel was

The average vote has been **3.9** out of 5, where the value 5 means “Very interesting”.



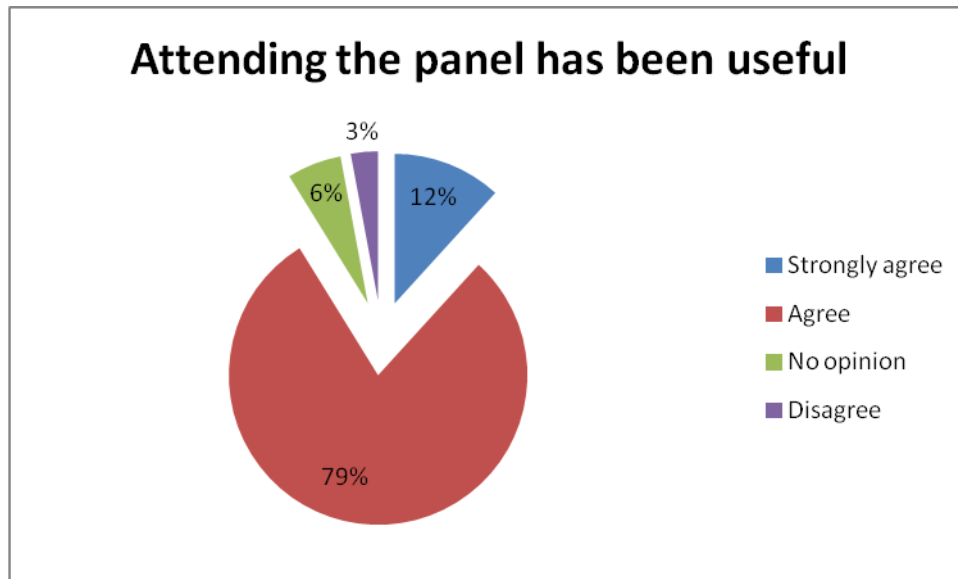
Suggestions and comments from audience:

- Time allocation per speaker should be improved.
- Nice mix-time of technical and business presentations.
- Strong and informative presentations.

- Very good presenters. It is liked the moderator summarising the presentations.
- Too much different topics. It would be valuable to have more focus on one subject.
- This discussion is an added value for ISI and the support which can offer to the emerging countries.
- Interested in expectations on Research mapping among ISI members and on international cooperation in R&D.
- Some overlapping with the panel on Security.

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful"

The average vote has been **4** out of 5, where the value 5 means "Strongly agree".



Suggestions and comments from audience:

- More time for discussion would be better.
- It was a good panel but may be no clear synergies between the international cooperation and SatCom for emerging economies.

2.4 Panel #4: ISI & Rural Development

2.4.1 Rationale and Goal

The panel aimed at discussing future Satellite Broadband access can contribute to the development of rural areas. The SatCom industry roadmap will be presented in order to highlight the current and planned SatCom capabilities in terms of broadband access putting emphasis on the Quality of Service. Some programmatic aspects will be discussed.

2.4.2 Panel Organizers and Moderators

The Panel has been organized by:

- Laurent Thomasson, EADS Astrium representative
- Kevin Prescott, Avanti Communications representative

The Panel organizers have been in charge of:

- inviting the Panelist;

- identifying the moderator among the invited panelist on the basis of the experience and skills of spur discussion on the Panel topic;
- producing a list of key questions to be addressed by the Moderator to the Panelists;
- producing a list of key questions to be used by selected ISI members in the audience to keep alive the discussion;
- identifying ISI members to be serve as facilitator of the discussion.

2.4.3 Key note speech

The keynote speech has been:

- Pertti Jauhiainen, European Commission Information Society and Media.

2.4.4 Panelists

- Andrew Fry, Avanti (Satellite operator)
- Andy Lister, NyNet (Rural fibre based ISP)
- Maxime Baudry, iDate (Market Research)
- Frank Zeppenfeldt, ESA

2.4.5 Questions or topics addressed during the panel

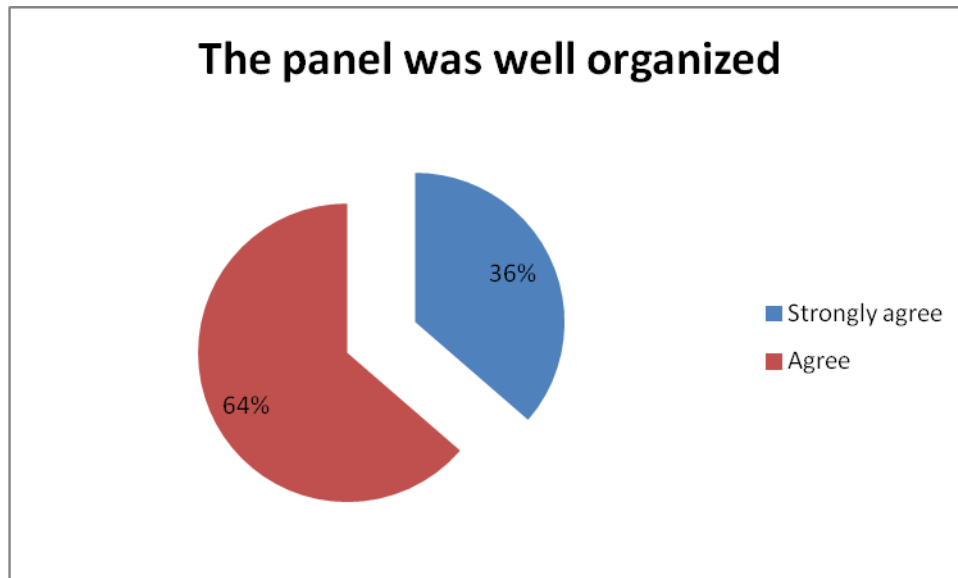
- The Satcom solution makes sense in rural areas with a reasonable financial support.
- This is an opportunity for Europe could to lead this market and extend the model and the solutions to other areas e.g. future internet hybrid networks.
- A common regulatory framework across Europe to approach the issues is appropriate.
- European industries could take advantage of the emergence of a technological standard (coming from European industry).
- What is the QoE the satellite offers to customers compared to the one provided by other technologies?

2.4.6 Feedback from audience

In the following, aggregated results are reported for the questions proposed to the Panel attendees. In this case, **22 participants** answered to the questionnaire (refer to Annex B for the list of questions).

1. Please, indicate if you agree/disagree with the following statement: "The Panel was well organized"

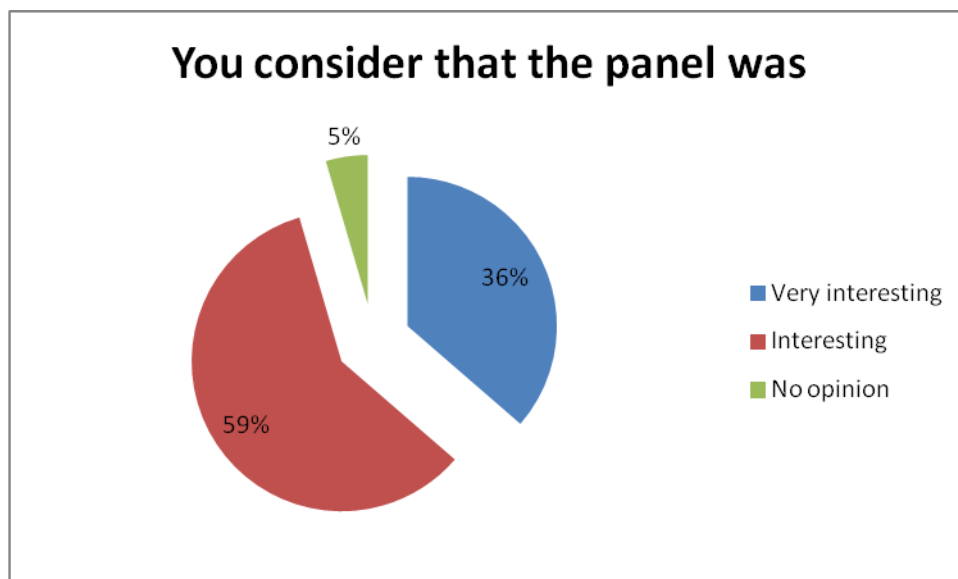
The average vote has been **4.3** out of 5, where the value 5 means "Strongly agree".

**Suggestions and comments from audience:**

- Good panel between actors to be involved in BB networks deployment and industry.
- Experience from the actual user community was particularly valuable.

2. You consider that the panel was

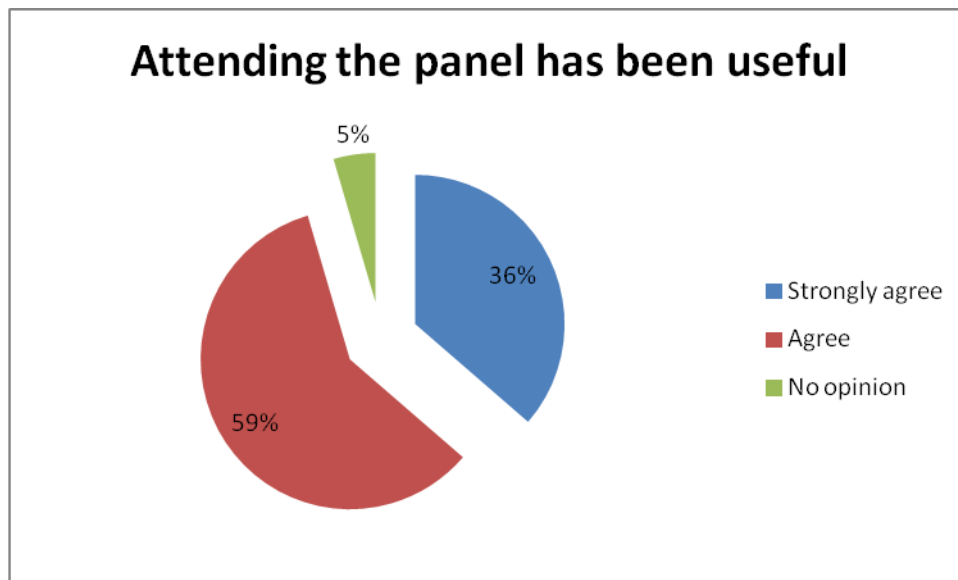
The average vote has been **4.3** out of 5, where the value 5 means “Very interesting”.

**Suggestions and comments from audience:**

- Good choice of speakers.

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful"

The average vote has been **4.3** out of 5, where the value 5 means “Strongly agree”.



Suggestions and comments from audience:

- Good panel with diverse views

2.5 Pictures from the Panels

In the following, some pictures taken during the 4th ISI SatCom event are shown.



Figure 1: ISI & EU Security Panel



Figure 2: ISI & Future Internet Panel



Figure 3: ISI & the World (International Cooperation and relations with Emerging Economies)



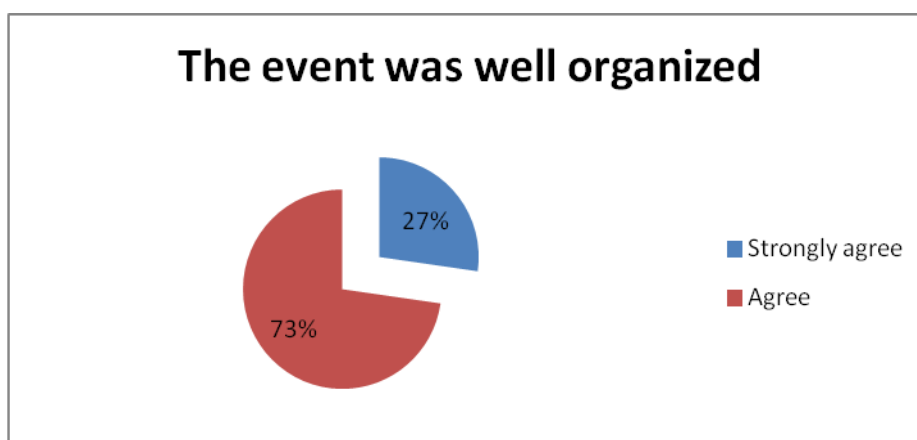
Figure 4: ISI & Rural Development

2.6 Overall Event Evaluation

In the following, aggregated results are reported for the questions proposed to the SatCom event attendees. **22 participants** answered to the overall questionnaire (refer to Annex B for the list of questions).

1. Please, indicate if you agree/disagree with the following statements: "The event was well organized"

The average vote has been **4.3** out of 5, where the value 5 means "Strongly agree".



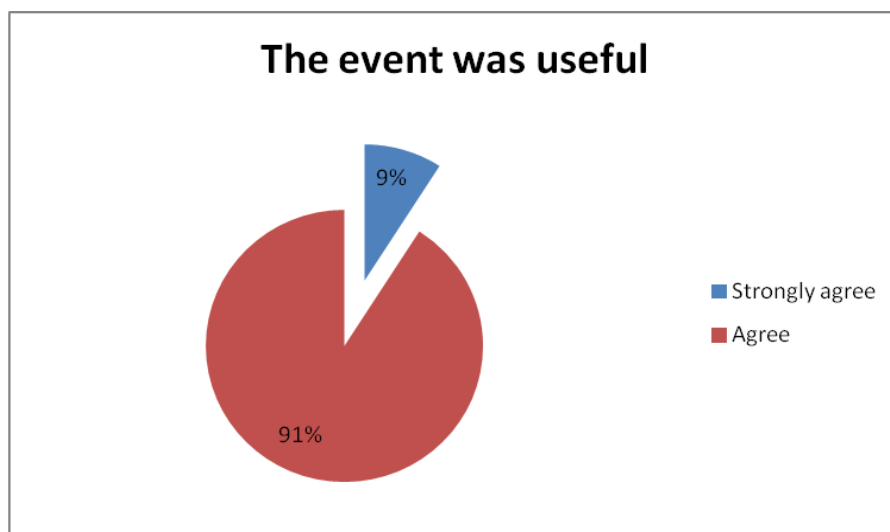
Suggestions and comments from audience:

- Need to more interactive presentations.

- WLAN access was desirable.
- Location access was good and room facilities were all in order
- Names of panelists should be announced in advance.
- I would propose to reduce the length of presentations in order to give more time to the open debate among panelists and the attendance.
- For future events, it could be interesting to consider the possibility of recording the event in video and upload it to the ISI website or broadcast it online through the website. It should also be considered the impact that this could have in the physical attendance to the event.

2. Please, indicate if you agree/disagree with the following statement: "The event was useful"

The average vote has been **4.1** out of 5, where the value 5 means “Strongly agree”.

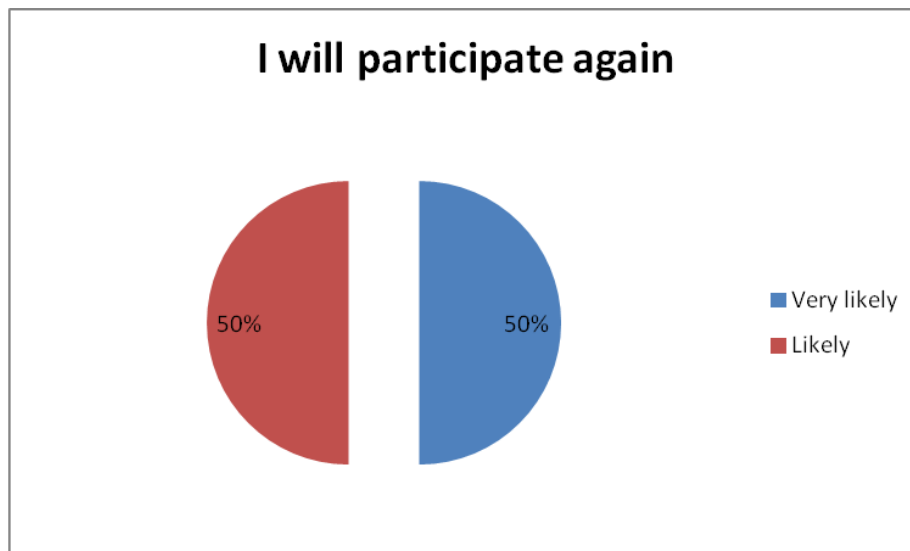


Suggestions and comments from audience:

- A good range of interesting topics was covered. Perhaps covering fewer topics in greater depth would have allowed for more concrete outcomes.
- If we speak about Africa and development, I guess we should invite also someone to talk about the ICT in Africa.
- The topics addressed by the event were very relevant for ISI members and in general for European SatCom industry.
- Although the general perception and quality of speakers was very high, I think that in order to improve the overall quality, some work could be done with panelists invited in order to guarantee that the content that will be presented offers enough quality and relevance.

3. I will participate again

The average vote has been **4.5** out of 5, where the value 5 means “Very likely”.

**Suggestions and comments from audience:**

- ISI is proven as an important forum.

4. What kind of other topics you would have liked to be discussed in the panels?

- Satellite market in Asia / South America; Institutional and military communication scenarios; terrestrial networking latest technology advances; telecom operators business broadcasting and broadband future
- Specific progress on ISI initiatives. Recent technology advancements.
- Next programmes such as UAVs
- How the innovation will be funded in 2020? Different models for public-private funding of innovative ideas/projects.
- More technical activities.
- A bit technical topics than political ones.
- Participation of SMEs.

3 The 5th ISI SatCom Event

In the following, some topics for the next ISI SatCom day are proposed taking into account the topics discarded from the previous one, due to time constraints, and some new topics selected through discussions within the consortium and with the ISI Steering Council.

The 5th ISI SatCom event will be held on April 11, 2012 at Conseil Central de l'Economie (CCE) – Room 1, 17-21, avenue de la Joyeuse entrée, Brussels. It will be co-located with the 15th ISI General Assembly which will be held on April 10, 2012.

The event will be a one-day meeting and the format will be the *workshop*. In particular, two workshops will be organized:

- Workshop on “SatCom security”
- Workshop on “High speed broadband”

Another Workshop on “SatCom Research” will be organized on April 10. During such event, the outcome of a survey on “SatCom Trends and Key Issues” initiated and developed by TNO will be discussed with SatCom stakeholders.

The survey has the following goals:

- Extracting Technical trends, Market trends and Challenges.
- Achieving a common understanding on the way forward for SatCom topics, based on the survey results.
- Contributing and influencing the space agenda of European policy makers.

One of the main objectives of the 5th ISI SatCom day will be to select:

- End-users to report about their immediate needs and their speculations about their future needs.
- Solution providers to report about current successful experiences with existing/planned solutions that could meet the users' needs.
- Industries to open up the debate with a perspective in the future with satellite communication initiatives to meet societal challenges: Space policy, Digital Agenda, Security & Defence policy.

The targeted participation is the following:

- ISI members
- End-users
- EC representatives
- Members of the European Parliament
- ESA representatives
- National Space Agencies representatives

More detailed information about the scope and the organization of the 5th ISI SatCom day will be reported in the deliverable D4.4.2 “SatCom event concept- 2nd year”.

4 Conclusions

This deliverable has summarized the outcomes of the 4th ISI SatCom event which was held on October 18-19, 2011, in Brussels.

More than 50 people attended the event and the outcome was very positive. Many interesting comments and suggestions came from participants and this was very appreciated from the organizers who will take into account such feedback for the organization of the next SatCom day in order to improve both the technical and overall quality of the event.

In particular, ISI Governance will make effort to increase the participation of non ISI members, people from outside Europe, people from other ICT sectors, and end-users which could benefit from using SatCom technologies. The Team will take the proper actions to understand the reasons of this low participation to the event by such kind of people in order to make it more attractive.

5 Annex A – List of attendees to the 4th ISI SatCom day

In the following table, the list of all participants to the 4th ISI SatCom day and 14th ISI General Assembly is reported.

	First Name	Family Name	Affiliation
1	Geert	Adams	Newtec
2	Antonio	Alfaro	ROSE Vision
3	Marcos	Alvarez-Diaz	Galician Research and Development Center in Advanced Telecommunications (Gradiant)
4	Lucio	Bardelli	Information Techonology Services (ITS)
5	Cristina	Barquín	TTI Norte S.L.
6	Maxime	Baudry	IDATE
7	Pete	Billing	DG ECHO
8	Philippe	Boutry	EADS Astrium
9	Hermann	Brand	ETSI
10	Robert	Briskman	Sirius XM Radio Inc.
11	Petronela	Burceag	European Commission
12	James	Cemmell	Inmarsat
13	Symeon	Chatzinotas	SnT, University of Luxembourg
14	Helal	Chowdhury	CWC, Univ Oulu
15	Nicolas	Chuberre	Thales Alenia Space – France
16	Nuria	De Lama	ATOS Origin
17	Marianne	Donven	Ministry of Foreign Affairs, Luxembourg
18	Jessica	Doorn	TNO
19	Ernst	Eberlein	Fraunhofer IIS
20	Barry	Evans	University of Surrey
21	Vincenzo	Fogliati	Telespazio
22	Istvan	Frigyes	Budapest University
23	Andrew	Fry	Avanti Communications Group xxx
24	Avi	Gal	Gilat Satellite Networks
25	Diego	Gimenez	ISDEFE
26	Jones	Glyn	Avanti
27	Sophie	Guilbert	Thales Alenia Space
28	Maria	Guta	European Space Agency
29	Aarti	Holla	European Satellite Operators Association
30	Jean-Christophe	Honnorat	Thales Alenia Space – France

31	Pertti	Jauhiainen	European Commission Information Society and Media
32	Otto	Koudelka	Graz University of Technology
33	Alan	Kuresevic	SES
34	Mathias	Leibiger	Fraunhofer ESK
35	Christine	Lerquin	SES
36	Konstantinos	Liolis	SPACE HELLAS
37	Florian	Loire	EADS Astrium
38	Gjalt	Loots	TNO
39	Daniel	Lucani	Instituto de Telecomunicações - U Porto
40	Michele	Luglio	University of Rome Tor Vergata
41	Andre	Oliveira	TEKEVER
42	Rodolphe	Paris	EDA
43	Mauro	Piccinni	Thales Alenia Space - Italy
44	George	Polyzos	Athens University of Economics and Business
45	Patrick	Rudloff	EADS Astrium
46	Sandro	Scalise	DLR
47	Michael	Schmidt	Joanneum Research
48	Julián	Seseña	ROSE Vision
49	Daniel	Strugariu	Council of the EU
50	Rosalba	Suffritti	University of Bologna
51	Liliana	Terranova	Sogei- Ministry of Economy and Finance
52	Laurent	Thomasson	EADS Astrium
53	Sabino	Titomanlio	MBI
54	Alessandro	Vanelli-Coralli	University of Bologna
55	Fabian	Walraven	TNO
56	Ana	Yun Garcia	Thales Alenia Space España
57	Frank	Zeppenfeldt	ESA

6 Annex B – 4th ISI SatCom Event Evaluation Form



Overall Questionnaire

1. Please, indicate if you agree/disagree with the following statement: "The event was well organized":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

2. Please, indicate if you agree/disagree with the following statement: "The event was useful":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

3. I will participate again:

Very likely

⑤

④

③

②

Very unlikely

①

If you disagree, please summarize in some words the reason:

4. What kind of other topics you would have liked to be discussed in the panels?

4th ISI SatCom event questionnaire



ISI & EU Security: "How to strengthen the European Disaster Response? The role of satellite"?

1. Please, indicate if you agree/disagree with the following statement: "the Panel was well organized":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

2. You consider that the panel was:

Very interesting

⑤

④

③

②

Without interest

①

Suggestions:

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:



ISI & Future Internet: "Is there a role for Satellite in Future Internet?"

1. Please, indicate if you agree/disagree with the following statement: "the Panel was well organized":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

2. You consider that the panel was:

Very interesting

⑤

④

③

②

Without interest

①

Suggestions:

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:



ISI & the World (International Cooperation and relations with Emerging Economies)

1. Please, indicate if you agree/disagree with the following statement: "the Panel was well organized":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

2. You consider that the panel was:

Very interesting

⑤

④

③

②

Without interest

①

Suggestions:

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:



ISI & Rural Development: "What are the conditions for broadband access via Satellite to be accepted by the market?"

1. Please, indicate if you agree/disagree with the following statement: "the Panel was well organized":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

2. You consider that the panel was:

Very interesting

⑤

④

③

②

Without interest

①

Suggestions:

3. Please, indicate if you agree/disagree with the following statement: "Attending the Panel has been useful":

Strongly agree

⑤

④

③

②

Strongly disagree

①

Suggestions:

After the event, a Web questionnaire has been also made available to all attendees to give the opportunity to those who were not able to deliver their opinion through the paper questionnaires, to send their feedback on the event.

The Web Questionnaire is available to the following link:

<https://docs.google.com/spreadsheet/viewform?formkey=dGsxUFNfWWtvcDdPTzl2bUtSWFh0dnc6MQ>

As example, the screenshot of the Overall questionnaire is shown in the following.

4th ISI SatCom Event, October 18-19, 2011

Overall questionnaire

Please, indicate if you agree/disagree with the following statements: "The event was well organized"

Strongly agree

Strongly disagree

Suggestions

Please, indicate if you agree/disagree with the following statement: "The event was useful"

Strongly agree

Strongly disagree

Suggestions

I will participate again

Very likely

Very unlikely

Appendix: FISI internal document control

Contributors:	LIST OF ATTENDEES OF THE 4th ISI SATCOM EVENT
Authors:	G.E. Corazza (UNIBO), A. Vanelli-Coralli (UNIBO), R. Suffritti (UNIBO), A. Tosi (UNIBO)
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