

Networld 2020

Rui Luis Aguiar

Networld 2020 Steering Board Chair

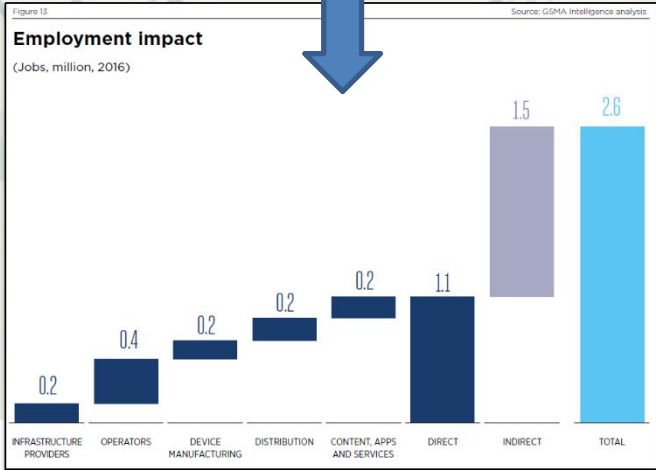
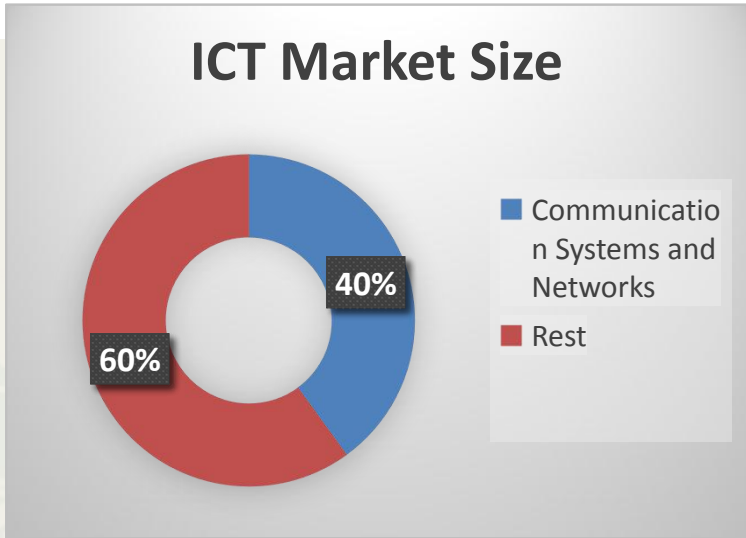
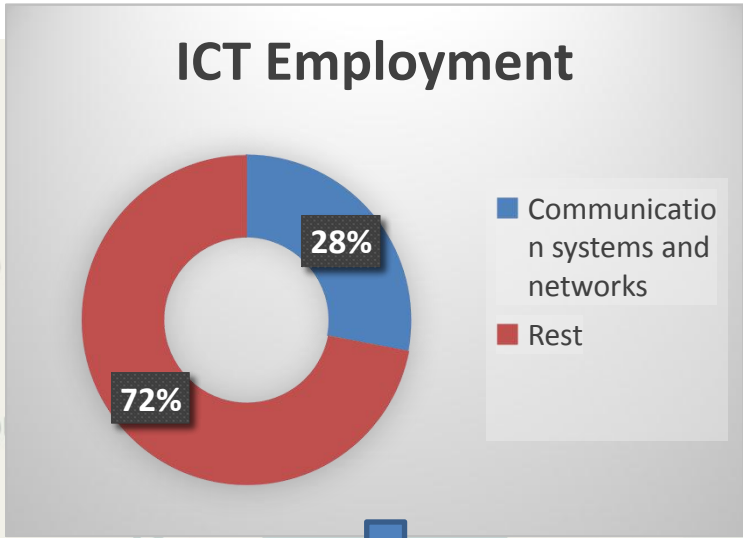
Instituto de Telecomunicações /Universidade de Aveiro

ruilaa@ua.pt

Outline

- What is Networld2020
- What is our process
- Steps ahead

Strong Economic Contributor



Employment impact of the mobile industry

Verticals Benefits	Automotive (€ mn)	Healthcare (€ mn)	Transport (€ mn)	Utilities (€ mn)	Total (€ mn)
Strategic	13,800	1,100	5,100	775	19,770
Consumer	13,900	207	-	3,000	17,110
Third Party	13,700	72	-	-	13,770
Total	42,200	5,530	8,300	6,470	62,500

Totals may not correspond due to rounding

Source: Identification and quantification of key socio-economic data to support strategic planning for the introduction of 5G in Europe. A study prepared for the European Commission DG Communications Networks

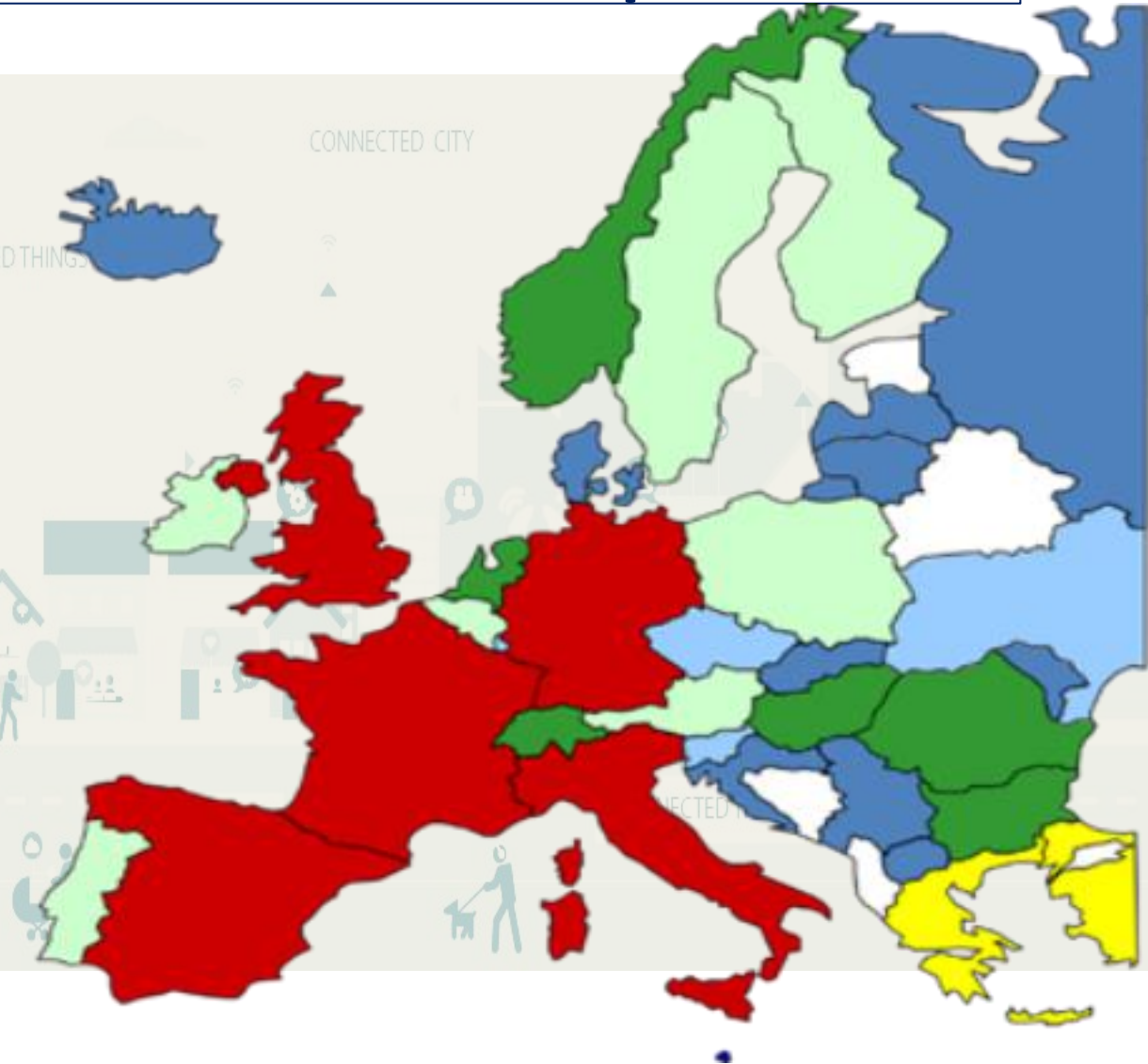
Networld2020 history

- Evolution of previous initiatives from Europe.
- Founded ~2014 to facilitate the launching of a counterpart to EC in the communications domain (an evolution of previous work)
- Current format settled from 2016, when formally separated from 5G-IA

What is Networld 2020

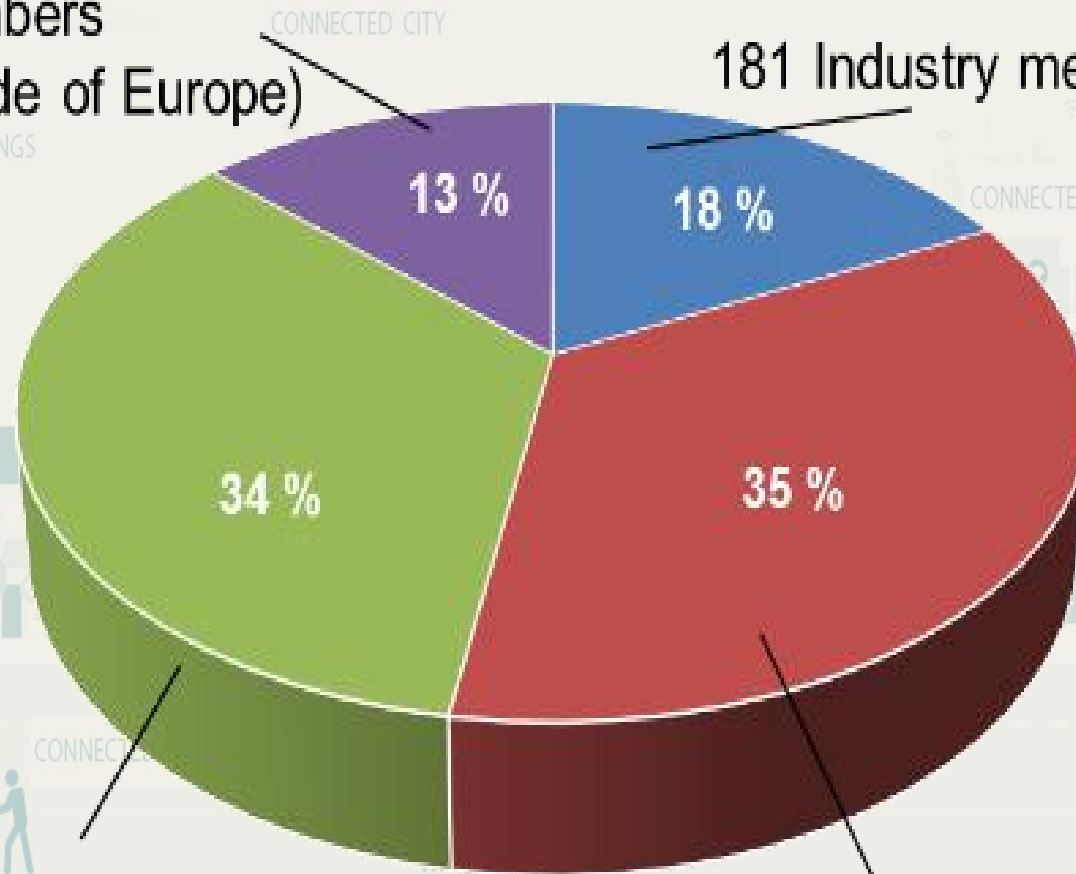
- ETP (European Technology Platform)
- For communications networks and services.
- Volunteer organization, no funding
- Open to everyone
 - simple rules for acceptance membership (1000+ members)
 - No fees
 - Most general actions on web
 - Meetings (focused) organized few times per year
 - Industry/SMEs/Academia
- Managed by a Steering Board

Membership



Membership

133 Cooperation members
(liaison partners outside of Europe)



355 SME members

360 Research members

Objectives

- To develop position papers on technological, research-oriented and societal issues
- To seek discussion of issues with decision makers in the political and public domain as well as in the industry and research community to bridge the gap between R&D and the expectations from the European society.
- To regularly develop an updated Strategic Research and Innovation Agenda (SRIA) for Europe in the communication networks
- To strengthen Europe's leadership in networking technology and services so that it best serves Europe's citizens and the European economy.
- To support the 5G PPP initiative

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Key: Strategic Research and Innovation Agenda

- One of the key activities, updated ~2-3 years
- Used by EC community to frame future research funding
 - Influencing industry
 - Influencing governments' agenda
- Process triggered by the Steering Board
- Early draft build with resource to an Expert group
- Open consultation to the whole community

<https://www.networld2020.eu/wp-content/uploads/2018/11/networld2020-5gia-sria-version-2.0.pdf>

Last Trigger:

Visions for future Communications Summit

<https://futurecomresearch.eu/>

- Speakers: Adam Wolisz, Artur Hecker, Andrea Goldsmith, Gonzalo Camarillo, Edward Knightly, Henning Schulzrinne, Ian Akyildiz, Joerg Widmer, Lajos Hanzo, etc...




The screenshot shows the website for the Visions for Future Communications Summit. The navigation bar includes: Home, (new!) Slides, Outline, Confirmed Speakers, Format, Submissions, Important Dates, Organization, Venue, Patronage, and Questions. The main content area features a large image of a modern building with a semi-circular graphic overlay. The text on the page reads: "Visions for Future Communications Summit", "23rd, 24th October 2017", "ISCTE - University Institute of Lisbon, Lisbon (Portugal)", and "Organized by NetworkWorld2020 with the support of 5G Infrastructure Association, European Commission, IEEE and National Science Foundation".

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Our plans for now

- Start a series of cross-disciplinar meetings in Europe, to understand the relation between other disciplines (AI, CC, ...)and communications
 - Around May 2019 (TBD)
 - To renew the “Visions” model, with a global event collecting inputs from diferent entities
 - Around October 2019 (TBD)
- we will welcome cooperation from other parties for this!**



CONNECTED CITY

CONNECTED THINGS

CONNECTED HEALTH

CONNECTED HOUSE

Thank you for your attention!

(and we welcome visiting or permanent researchers.
Just contact ruilaa@ua.pt)

CONNECTED PEOPLE

CONNECTED TRANSPORTATION

www.networld2020.eu