

Press release

FUTURE NETWORKS

“Telecoms with an IT core”, first briefing note published by Arcep after resuming its forward-looking cycle of inquiry on networks

Paris, 4 October 2024

After having announced the resumption of its [“Arcep and Future networks”](#) cycle of inquiry in October 2023, the first briefing note produced by this initiative has been published.

“From Telcos to Technos”: virtualisation, cloudification, Edge computing... what impact are they having on networks, players and markets?

Virtualisation, the cloudification of network components and Edge computing have been developing steadily over the past several years, and creating technical and economic issues and challenges for the telecoms sector. What are the core market trends? What technical issues surrounding future networks’ infrastructure are driving networks’ growing IT-isation? To what extent could this digital transformation become a key element in how networks operate and the new use cases they enable? How will this affect the market, how will tech companies factor in, and what regulatory issues will arise as a result?

The work carried out in concert with the different stakeholders, and with the assistance of the “Future networks” Scientific committee, created the ability to sketch out some initial answers to these questions, which are presented in [the “Telecoms with an IT core” briefing note](#) that Arcep is publishing today.

Arcep will be hosting a webinar to present this briefing note at 9:30 am on Friday, 4 October. [By invitation only.](#)

Programme:

- Opening remarks by Arcep Executive Board member, Xavier Merlin
- Presentation of the highlights of the “Telecoms with an IT core” briefing note, by Patrick Lagrange, Head of Arcep’s “Frequencies and Technologies” unit
- Discussion between ecosystem stakeholders and Scientific committee members, moderated by Amanda Alves, Deputy head of Arcep’s “Frequencies and Technologies” unit:
 - **Jean-Luc Beylat**, member of the Scientific committee, Director of Nokia Bell Labs France
 - **Serge Fdida**, member of the Scientific committee, professor at Sorbonne Université
 - **Jérôme Berger**, Head of Strategy, Orange Group
 - **Baya Flici**, VP, Head of Global Accounts, Ericsson
 - **Nicolas Gresser**, Head of Public Policy, Middle East and Africa, AWS

Arcep's "Future networks" cycle of inquiry

The purpose of the "Future networks" cycle of inquiry is to prepare Arcep for upcoming challenges in regulating communications network, and to steer its actions accordingly. Analyses are conducted on topics identified by Arcep and its Scientific committee to understand how networks are likely to evolve over the next five to ten years.

The Committee members are:



Jean-Luc Beylat
VP Ecosystem, Nokia



Eric Brousseau
Professeur, Université Paris-Dauphine



Giovanna Carofiglio
Senior Director, Cisco



Grazia Cecere
Professeure, Institut Mines Télécom



Mélanie Dulong de Rosnay
Directrice de recherche, CNRS



Serge Fdida
Professeur, Sorbonne Université



Yves Gassot
Consultant indépendant



Nolwenn Germain
Présidente fondatrice, HAIDO



Isabelle Hilali
CEO fondatrice, datacraft



Christian Licoppe
Directeur département, Institut Polytechnique Paris



Françoise Soulié-Fogelman
Conseillère scientifique, Hub France IA

The first two topics for the current "Future networks" cycle of inquiry were identified in October 2023: "Telecoms with an IT core" and "Network resilience". In keeping with this forward-looking approach, discussions are also underway on two other topics: "Data in future networks" and "Viewing telecom networks through the lens of digital habits and people's expectations".

Arcep invites anyone wanting to do so to contribute to these analyses and to send their contributions to reseaux-du-futur@arcep.fr. Additional topics will come to flesh out the "Future networks" cycle of inquiry over the coming months.

Associated documents

- [Briefing note Future networks - Theme 1 – Telecoms with an IT core \(English version\) / French version](#)

Arcep at a glance

The Regulatory Authority for Electronic Communications, Postal Affairs and Print Media Distribution (Arcep), a neutral and expert arbitrator with the status of independent administrative authority (IAA), is the architect and guardian of internet, fixed and mobile communications, postal networks and press distribution in France.