

# re-think the standard landscape

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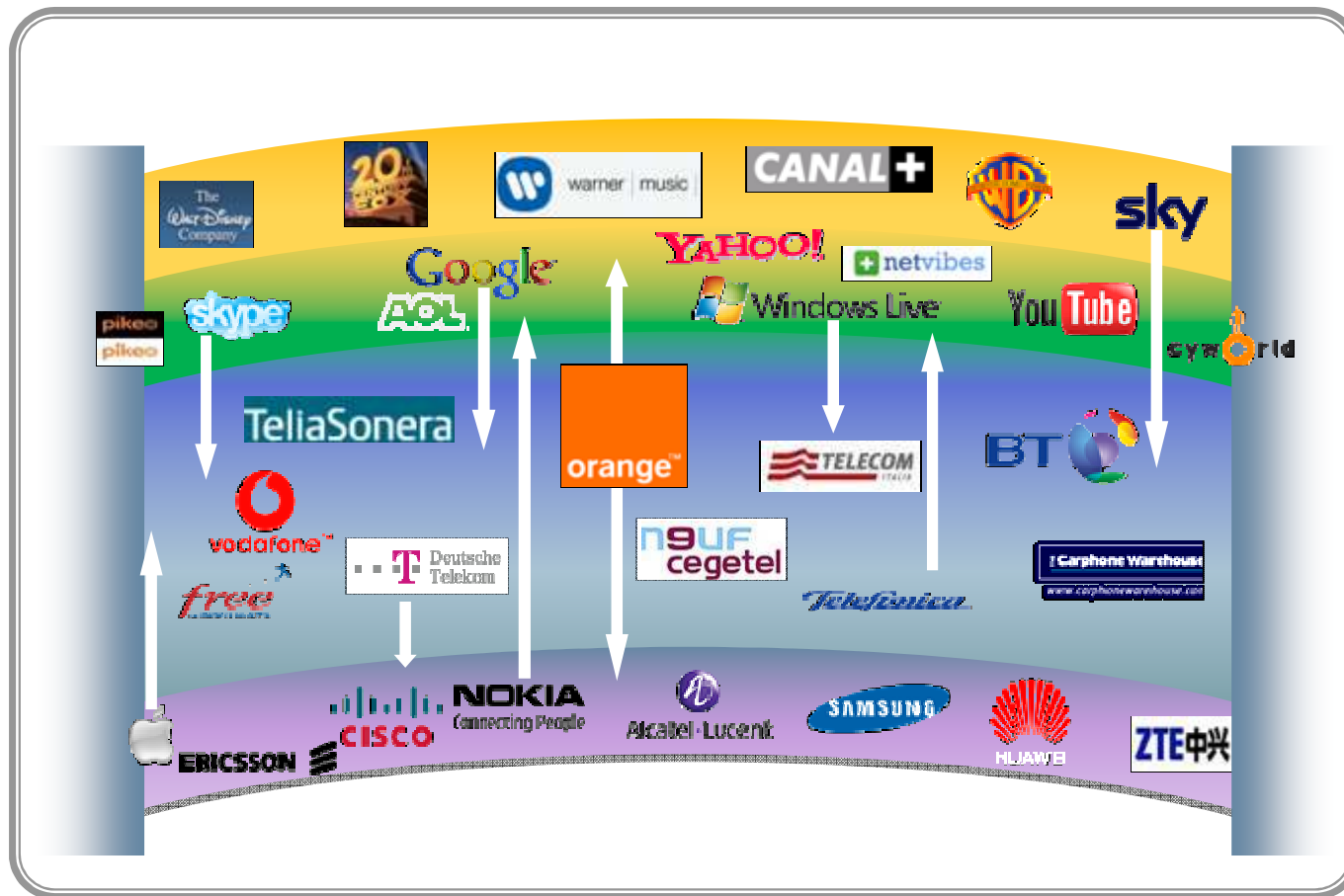
GSS – Standardisation session

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## telecoms are evolving very quickly

- Evolution toward IP protocol everywhere
  - convergence between networks and between services
- Radio & wireless technologies everywhere
  - less and less separation between fixed and mobile services
- Increased processing and storage capacities in devices
  - more complex interactions between networks and “terminals”
- Users become “nodes” of several physical and social networks
  - new usage patterns & business models, and sustained innovation

# ecosystem is also changing significantly



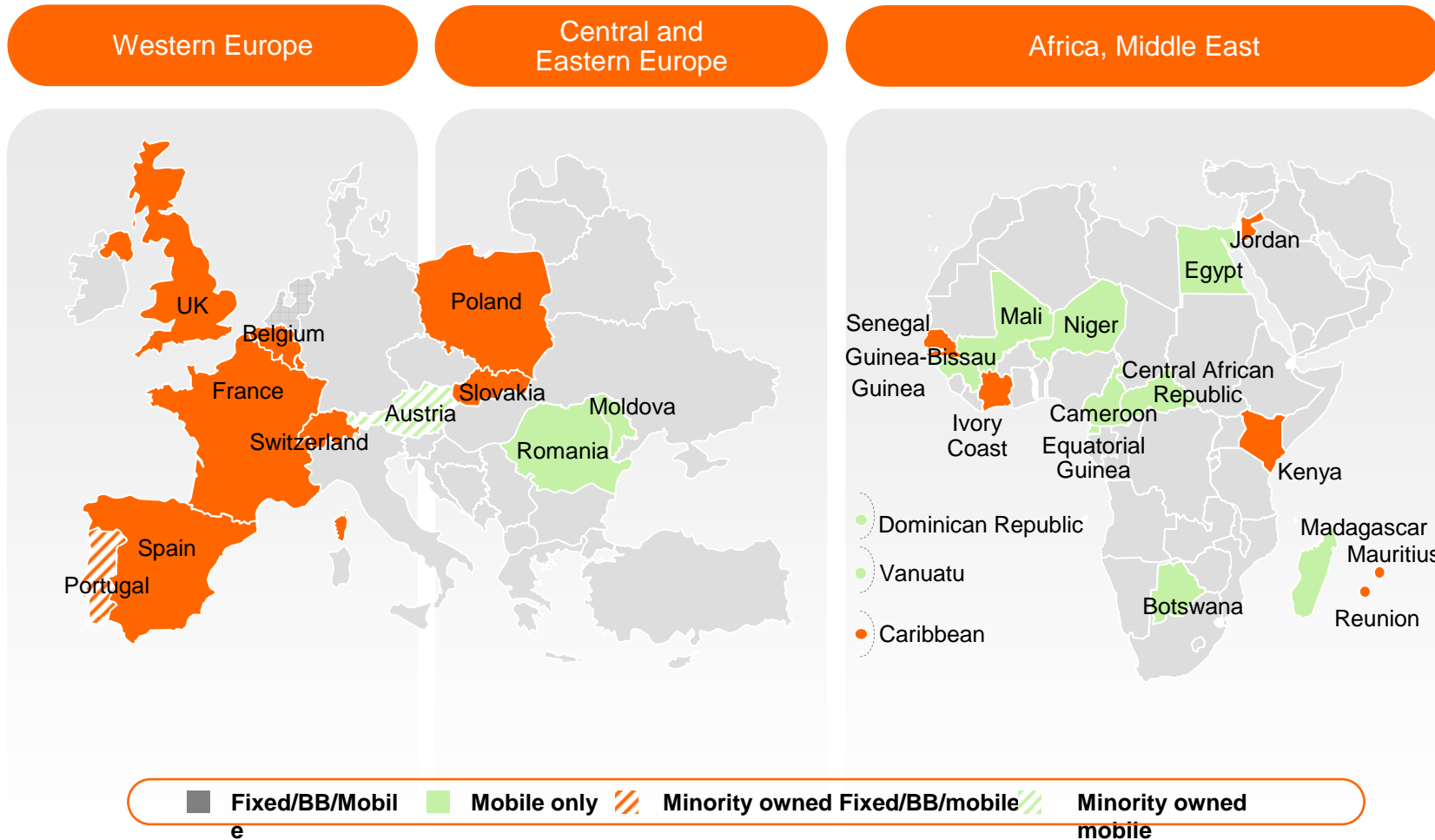
- blurring boundaries across the value chain
- faster innovation in products and services
- emergence of global players

## FT / Orange has adapted to this new environment

- Integration of different technologies and networks to better serve our customers at home, on the move, and at the office
- Innovation in new services, such as broadband, IPTV, home networking, e-health or online services
- International presence, with dedicated attention to local situations and needs



# FT / Orange balanced international footprint serving more than 170 millions customers



# standards are key for economic development, and even more for telecommunications

- To guarantee interoperability across operators and vendors
  - To ensure fast development of innovation
  - To ensure economy of scale
  - To allow open provision of telecom services, through different operators operating in different countries
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- Orange is committed to standards
  - With an increasing international footprint, Orange is using standards to ensure deploying services as fast as possible
  - Orange is not only using standards, but also very actively participating in their development

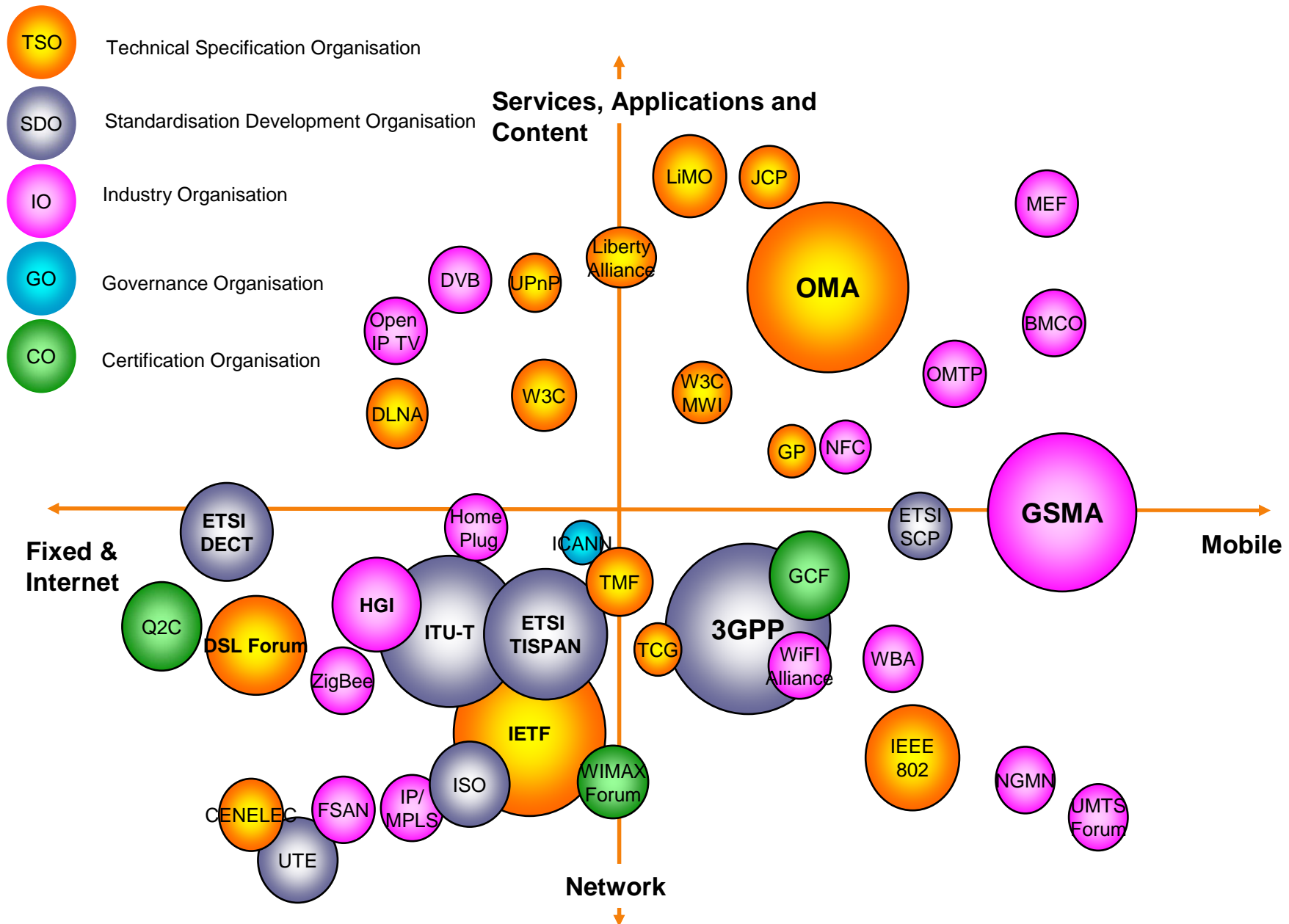


f not precised, figures are at Dec 31, 2007

- Orange is involved in 90+ Organizations
- There is not really any other choice for Orange
- But this generates :
  - Overlapping of standards developments
  - Competition among standards organizations
  - More and more complex coordination
  - Increase cost and time to develop standards
  - Lack of global architecture
- And it leads to fragmentation of solutions and increased time to market of standardized solutions, with bad side effects
  - Need for new organizations to profile standards to ensure interoperability
  - Emergence of more and more proprietary solutions



# a classification attempt...



## actions are needed

- Foster coherence of standards activities
- Accelerate standardization work in order to cope with market evolution
- Redefine the role of each organisation and promote “complementarities” instead of competition
- Reduce overlap between organisations
- Keep strong commitment to international standards, taking into account all stakeholders needs
- Develop a overall standardisation architecture, to ensure better anticipation and consistency, for the benefit of all players

increased involvement of CTOs of major telecoms standards actors could support this evolution

## expected outcomes

- Better identification of organisations roles and missions
  - Reduced overlap
  - Clear recognition of a few key organisations able to standardise a complete system, avoiding scattered technology standards without links together
- Overall and global vision, allowing the entire industry (operators, vendors) and member states to focus on common future issues
  - Benefiting also the emerging countries in simplifying the landscape in identifying clearly where to contribute effectively.
- New collaborative spirit for standardisation work, to better serve world citizens needs and business expectations

together we can do more



thank you !