

realwireless.

independent telecoms experts



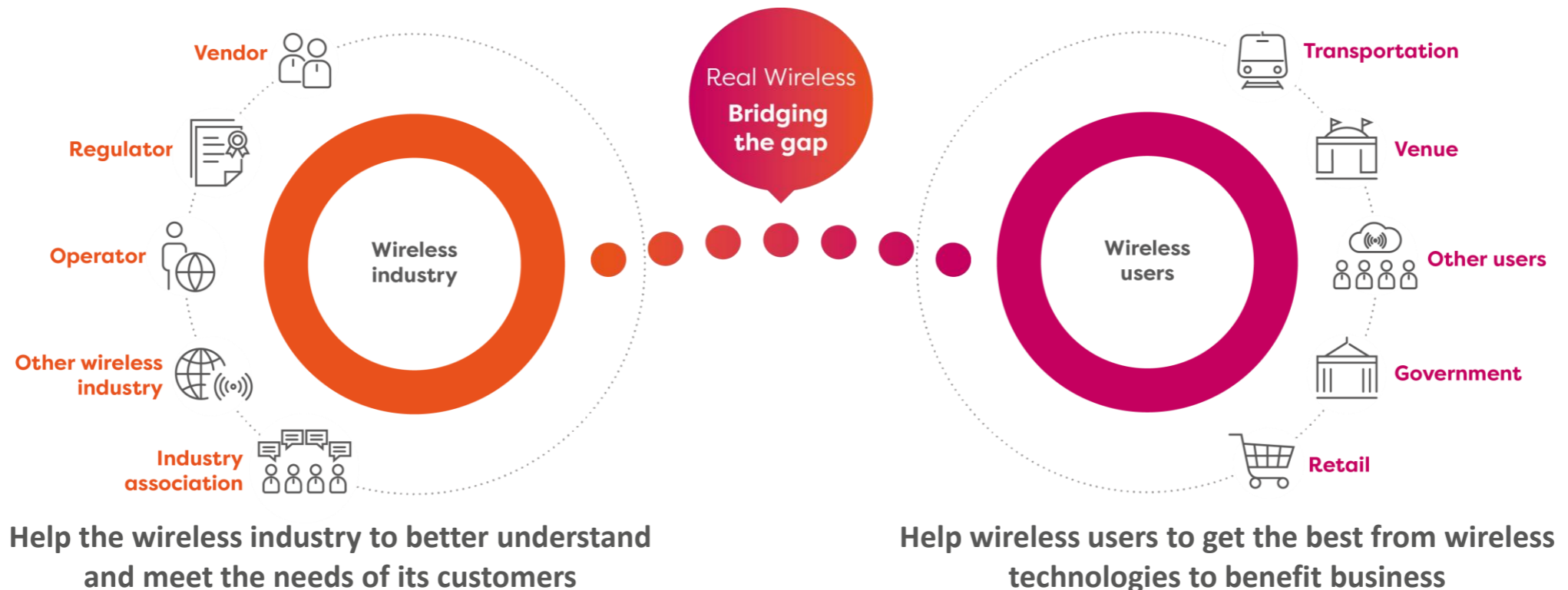
Introduction to Real Wireless



realwireless.

Real Wireless bridges the gap

- Leading independent expert wireless systems advisory firm
- Technology and business of quality wireless systems
- Real Wireless builds bridges between the wireless industry and wireless users



Our experts

- More than 40 experts; including engineers, economists and business people with experience spanning all major wireless industry sectors: broadcast, mobile, WLAN, PAN, wireless backhaul, satellite
- Senior-level expertise and experience in technical and commercial domains, from operator, regulator, vendor, systems integrator and academic backgrounds
- A wealth of operational knowledge and leadership experience
- Affiliations include:





Qualifications and Honours

DPhil, MSc • MEng CEng MIET
MBA • PhD CEng FIET • MBE
BEng (Hons.) • CEng MIET
OBE • MA M.Phil • PhD CEng
MA CEng MIET • PhD, MSc
CEng MIStructE • CEng FIET
M.Inst.SP • BEng CEng MIEE



A proud nine-year track record

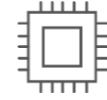
Partnering as an SME in thought leading Horizon projects and consortia

	<u>Project Scope</u>	<u>Real Wireless Role</u>
	Early 5G Architecture Definition and value proposition assessment	<ul style="list-style-type: none">• Project Innovation Manager• Techno-Economic Assessment of the viability of stacked Use Cases including at scale wireless network simulation of City Deployment of 5G• Public MNO infra including Edge focus and models
	Industrial applications of 5G applying novel deployment architectures - slicing	<ul style="list-style-type: none">• Techno-Economic assessment of Industrial Use Cases• Comprehensive Port deployment modelling and simulation including full radio characterisation, densification• Cost vs Benefit analysis including outline commercials
	Trials of emerging 5G converging with the Broadcast sector	<ul style="list-style-type: none">• Work Package Lead: Dissemination and Innovation Management• Techno-Economic Assessment of deployable Use Cases in Italian City• Sustainability including Energy Efficiency models• QoE assessment based on end to end KPIs• Application of AI
	Large scale trials of 5G-Adv networks with 6G use cases	<ul style="list-style-type: none">• Project Innovation Manager• Key Value Indicators (KVI) framing and assessment across the project – integrated with Key Performance Indicators (KPI)

Our Horizon partnering objectives

Working with Innovators on the cutting edge of Wireless and Telecoms Convergence

Areas of particular interest



Technology

- Performance analysis
- Coexistence
- Spectrum
- Network architecture
- Horizon Scanning



Deployment & Lifecycle

- Venue wireless advisors
- Network deployment
- Strategic and costing advice
- Obsolescence management



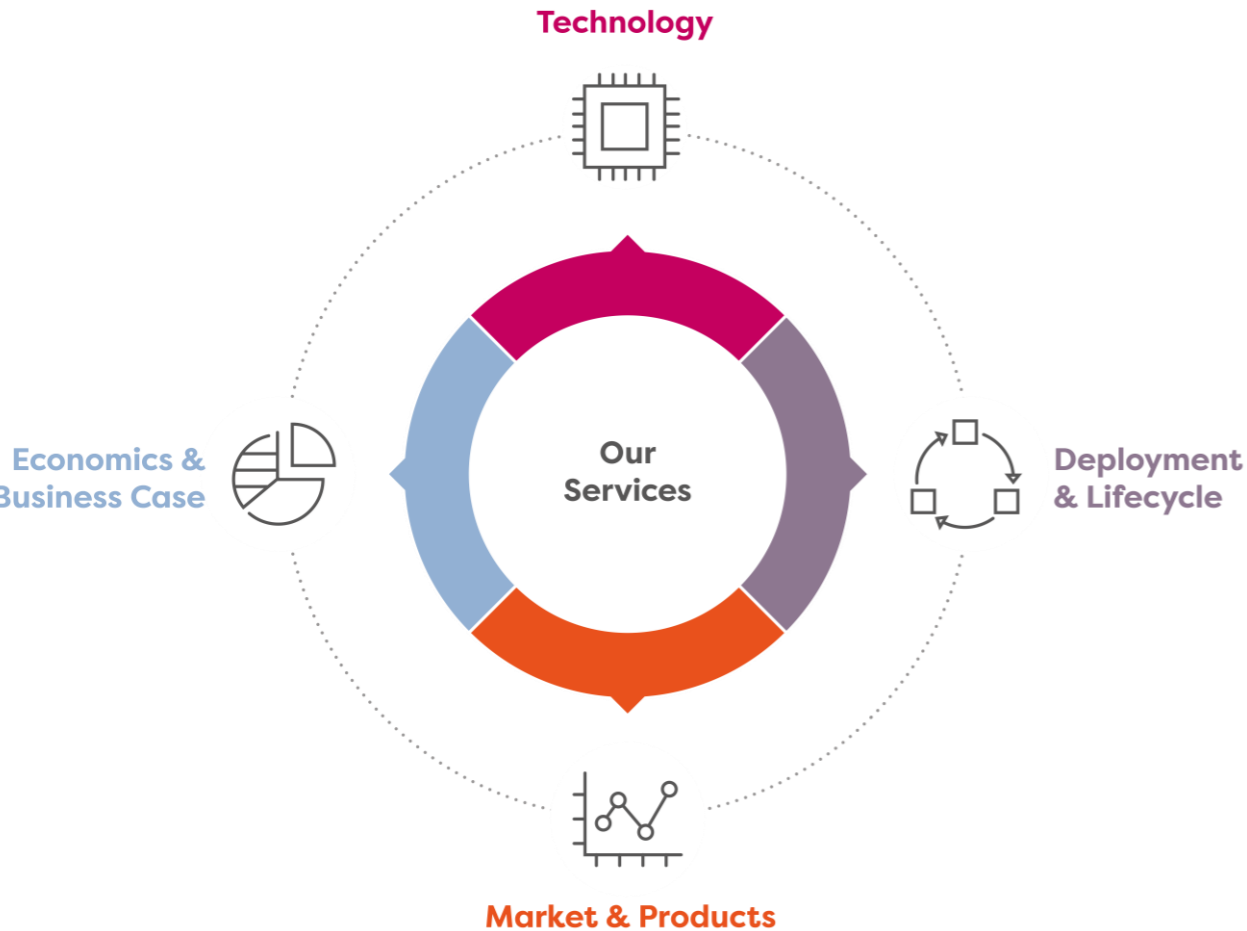
Economics & Business Case

- Business case analytics
- Social and economic impact
- Regulatory support
- Techno-economic studies



Market & Products

- Market evaluation
- Product roadmap definition
- Competitive analysis



Appendix

Appendix

RW recent contributions to Horizon projects' reports

- **D6.1**, TrialsNet, [D6.1 First report on validation and dissemination activities](#)
- **D8.5**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D8.5.pdf>
- **D8.3**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D8.3.pdf>
- **D8.2**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D8.2.pdf>
- **D7.4**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D7.4.pdf>
- **D7.2**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D7.2.pdf>
- **D2.3**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D2.3.pdf>
- **D2.2**, 5G-TOURS, <http://5gtours.eu/documents/deliverables/D2.2.pdf>
- **D2.3**, 5G-NORMA - https://www.it.uc3m.es/wnl/5gnorma/pdf/5g_norma_d2-3.pdf
- **D6.3**, 5G MoNArch - https://5g-monarch.eu/wp-content/uploads/2019/07/5G-MoNArch_761445_D6.3_Verification_and_validation_final_report_v1.0.pdf

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