



Internationales & Roaming Update

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15. Juni 2023 - Mobilregulierungsdialog



2G/3G Phase out

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Offene Konsultation – 2G/3G Phase Out

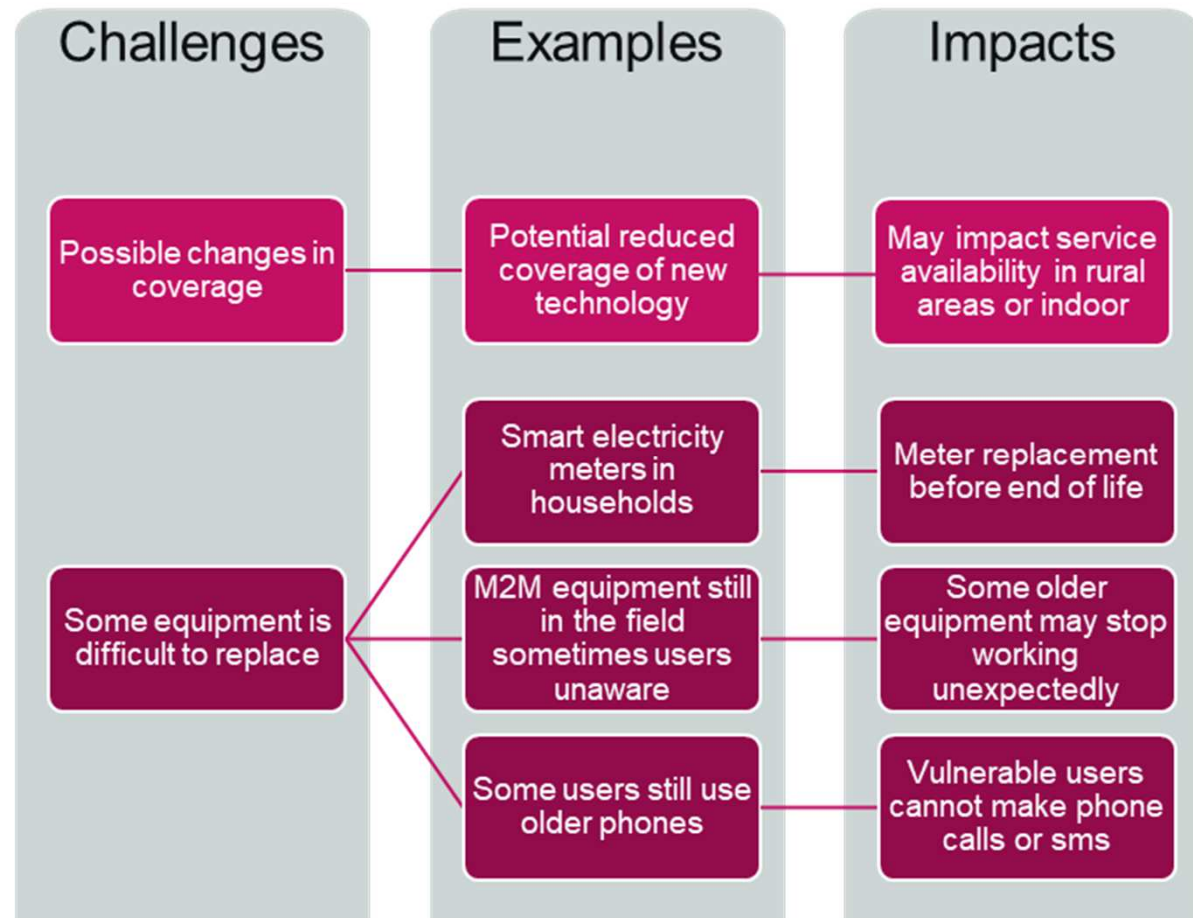
- To explore if and how the switch-off of those technologies may have potential consequences with regard to:
 - Continuity of service for end users
 - Wholesale access
 - Coverage issues
 - Impact on use of IoT / M2M devices
 - possible impact on interoperability and coverage issues affecting emergency calls
- Identified and summarized previous work of other organisations (RSPG)
- Conducted a survey to NRAs, more specifically described practices in (France, Switzerland, Sweden, UK, Hungary)
- Identified stakeholders and analysed stakeholder engagement



Challenges, examples, impacts (1)

More efficient spectrum use:
stop inefficient technology

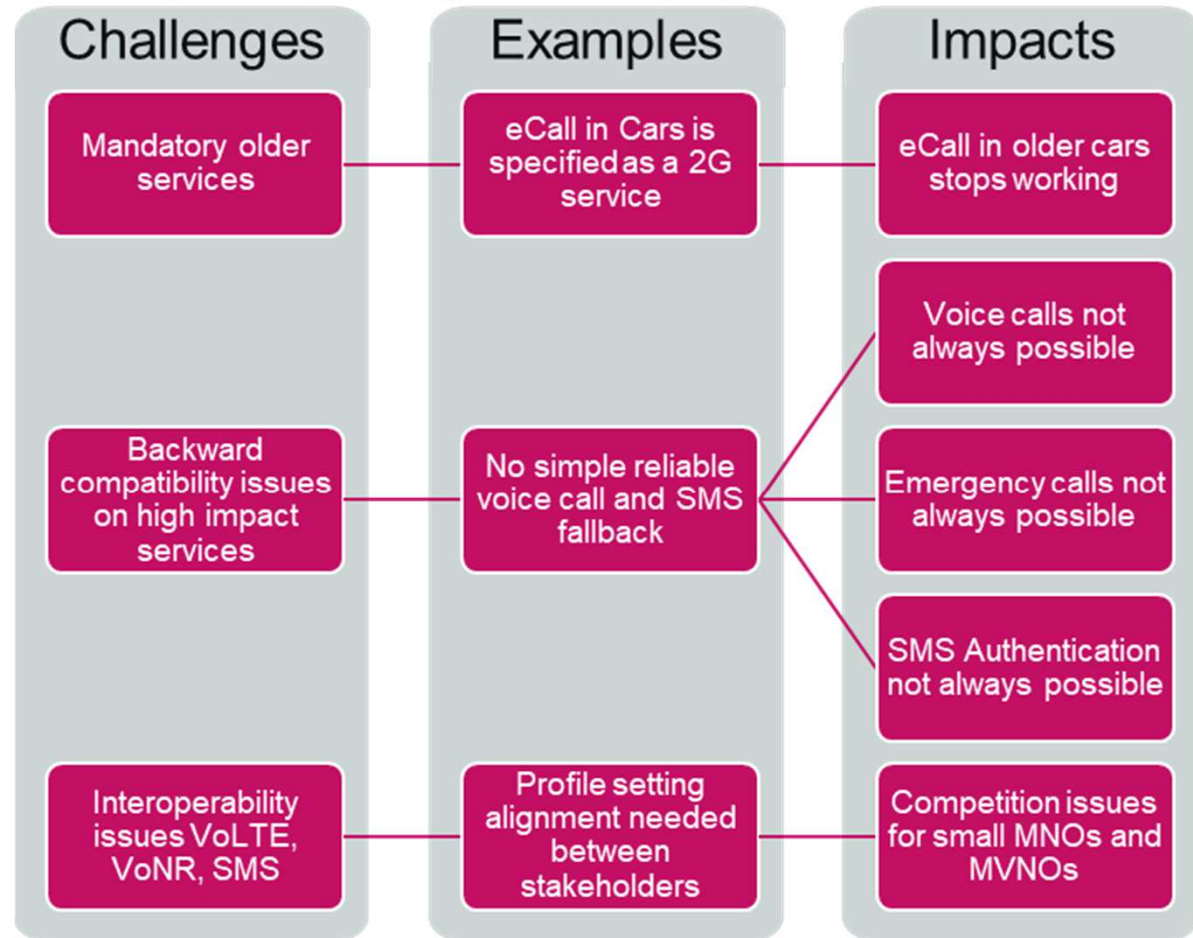
Better efficiency,
reliability,
security and
sustainability:
decommission older equipment





Challenges, examples, impacts (2)

Focus on new services:
better quality,
choice, flexibility





Consultation until 15 august 2023

- Questions:
 - Which other potential challenges/impacts would you identify?
 - How urgently do you think the different challenges/impacts need to be addressed
 - time, priority
 - What challenges / impacts have already been solved or can be considered minor?
 - What stakeholders should initiate (more) efforts to meet the challenges/impacts?
 - What stakeholders should be involved in efforts to meet the challenges/impacts?
 - How should they contribute?



Monitoring of the JS between UA and EEA operators

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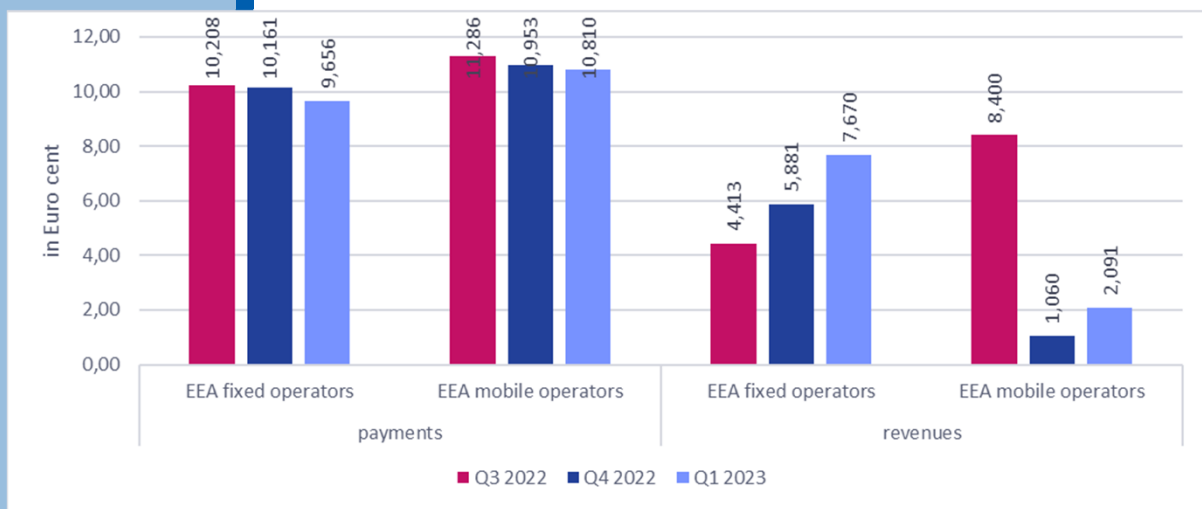
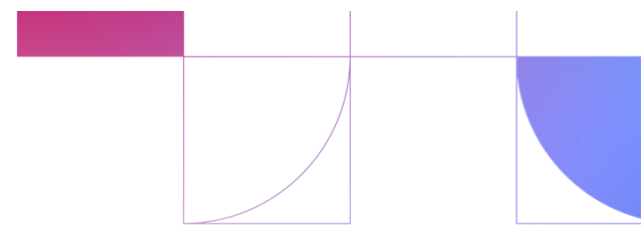


3rd Monitoring/ 2nd Report - Questionnaire

- addressed only JS signatories
 - 52 EEA mobile and 33 EEA fixed operators
 - 4 UA mobile operators and 3 UA fixed operators
- covers
 - Termination
 - Transit
 - Roaming
 - Qualitative questions

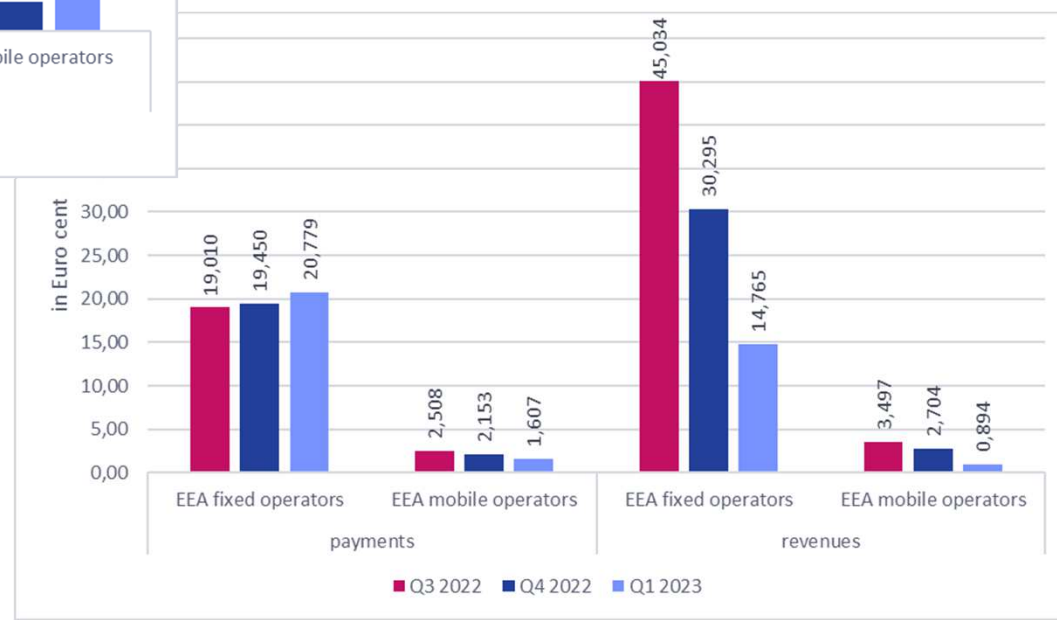


Termination rates – EEA operators



To/from mobile UA operators

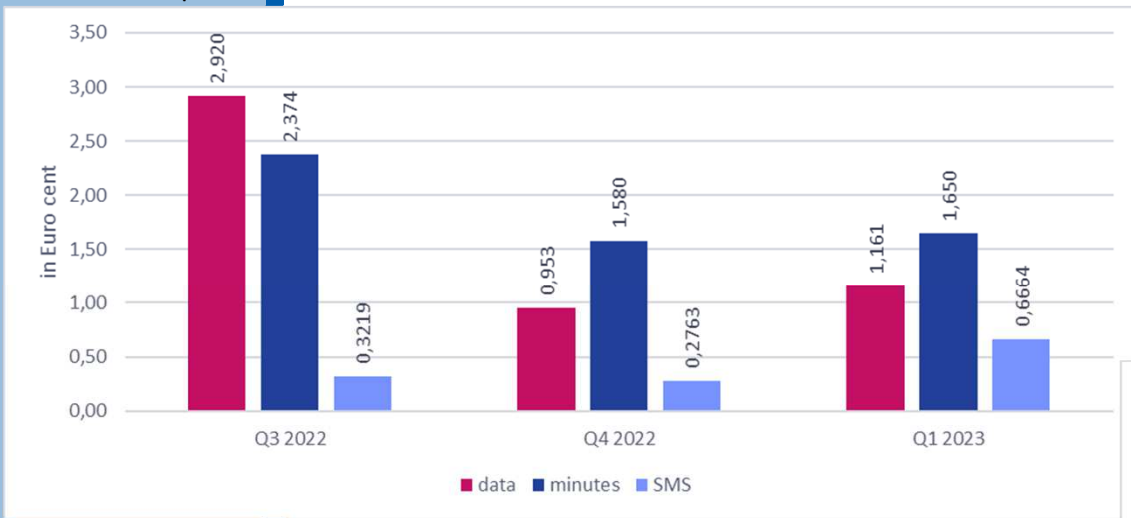
To/from fixed UA operators



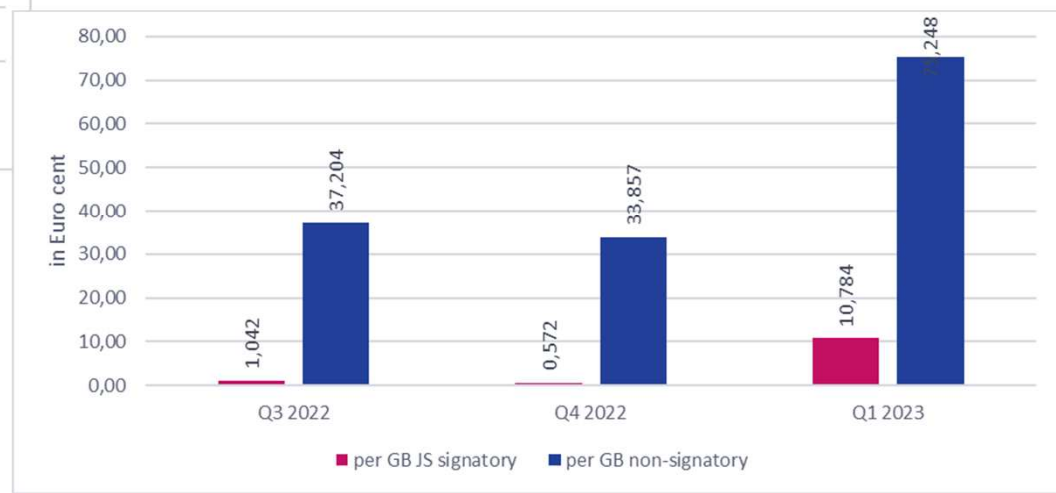


Wholesale roaming rates

EEA operators

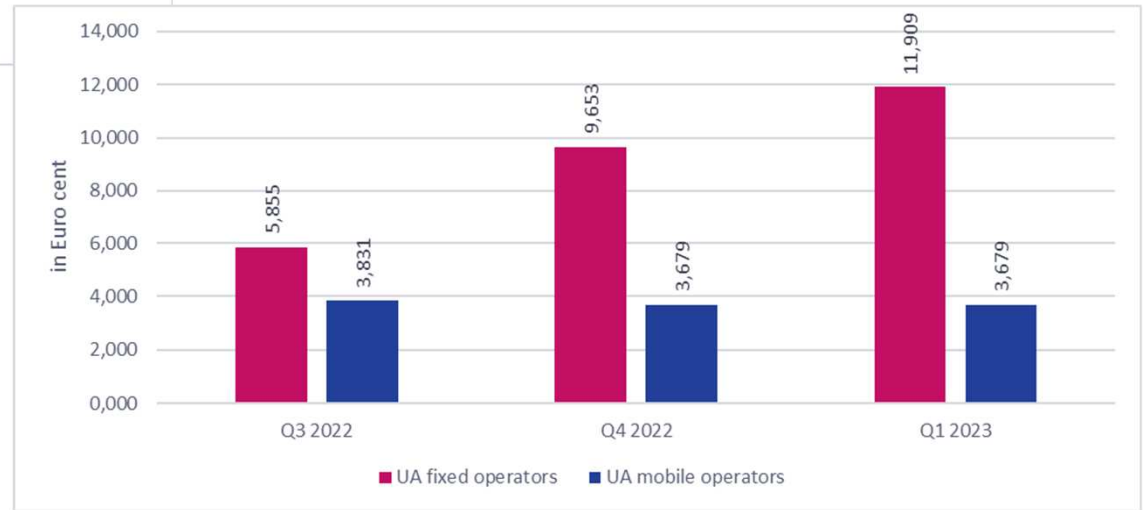
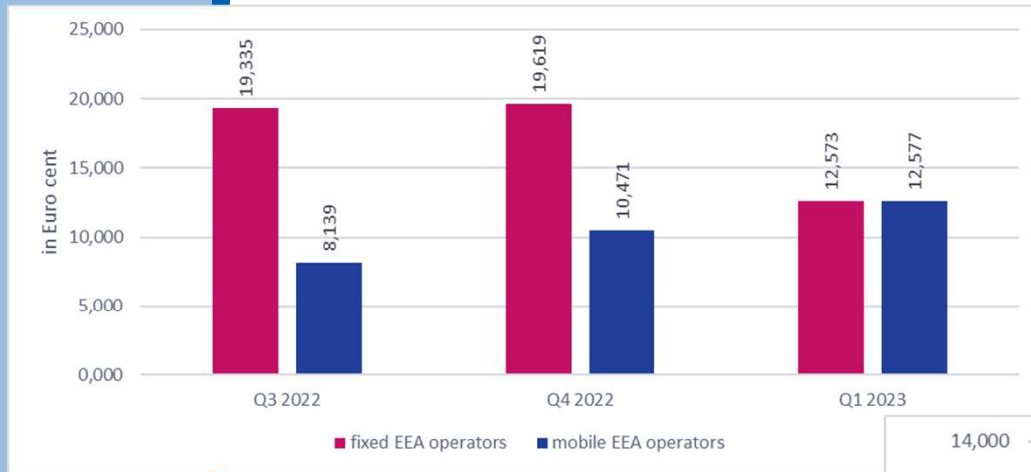
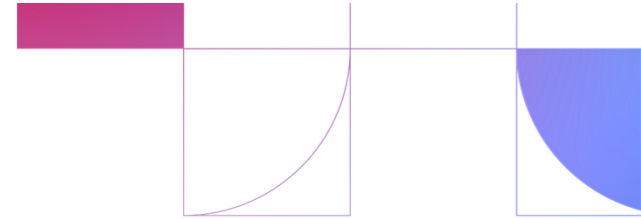


UA operators





Transit Rates





Comments raised by operators

- **Fraud**
 - Only few fraud cases mentioned (lots of preventive measures implemented)
 - Simbox fraud or inflated SMS and calls, roaming arbitrage
- **Obstacles to implement JS**
 - Some mention that the lack of direct interconnection agreements leads to difficulties in lowering rates
 - Transit rates
- **Further improvements**
 - Increase of transparency
 - Alignment of TR with Euro rates
- **Retail Measures**
 - EEA Operators
 - Free Sim cards, calls/SMS to Ukraine
 - Other measures: free laptops, power banks, smartphones,...
 - UA operators
 - Low wholesale rates passed on to retail level
 - Affordable/free roaming for refugees



Roaming & Moldovoa

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Voluntary Agreement between EU & Moldova

- Operators signed voluntary agreement on 1 June
 - 3 Moldovian operators
 - 3 EEA operators (Deutsche Telekom, Orange, Telefonica)
- New Task for BEREC
 - Set the glidepath at retail (and if necessary at wholesale level) by 1 October 2023
 - BEREC in exchange with RCC to learn from experiences with WB



AoB

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Weitere aktuelle Themen

- BEREC participated in the 1st DMA HLG meeting
- BEREC Analysis – GIA
- BEREC Opinion – Gigabit Recommendation

- Intra-EU Communications Regulation
- CIR Roaming FUP & Sustainability

- What's next
 - Workshop on the evolution of the competition dynamics of tower and access infrastructure companies: 20 June 2023