IAB workshop on Environmental Impact of Internet Applications and Systems

Mobile Networks

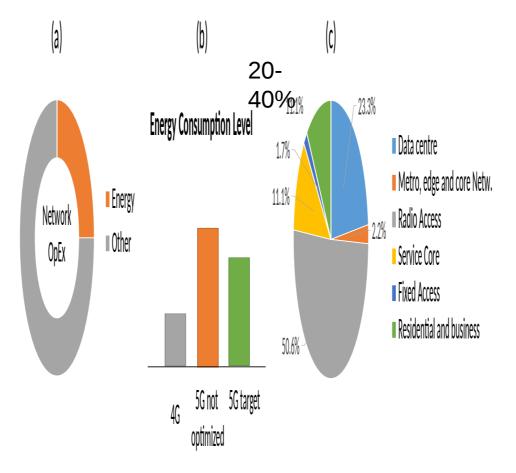
Raffaele Bolla, Roberto Bruschi, Franco Davoli, Chiara Lombardo, **Beatrice Siccardi**





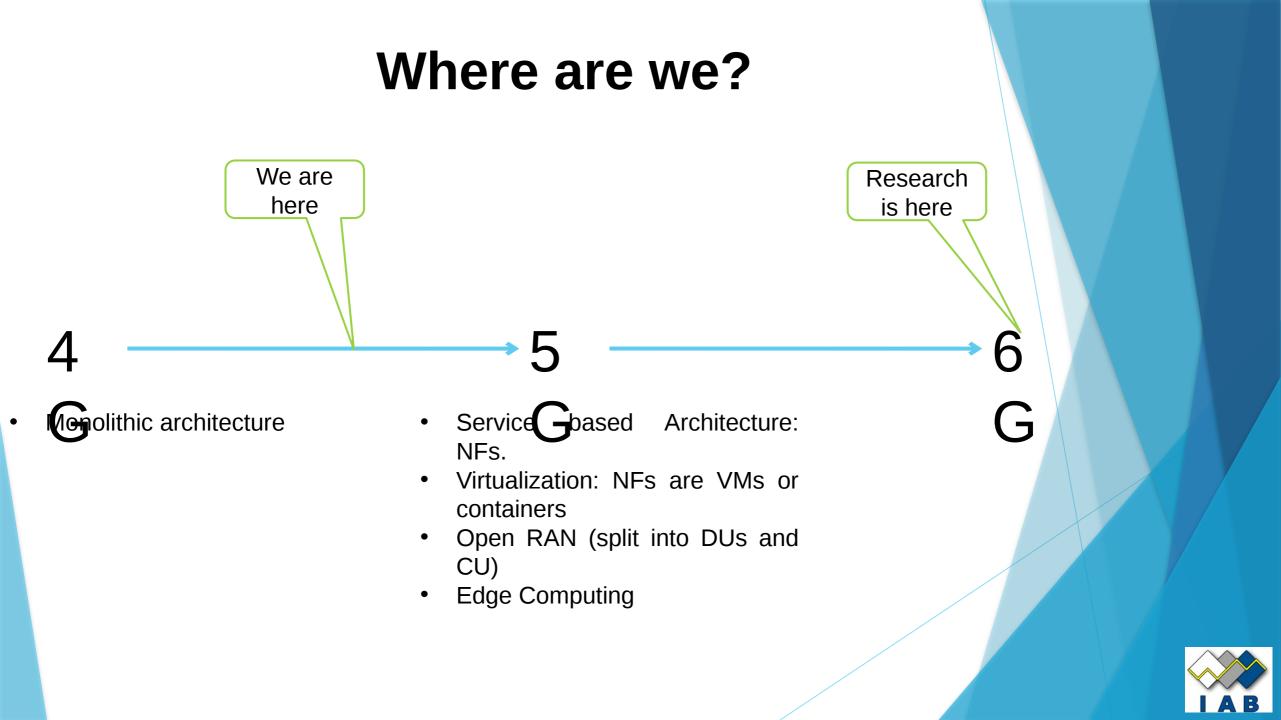


Energy consumption of Mobile Networks





Source: <u>https://www.gsma.com/futurenetworks/wiki/energy-efficiency-2/</u>

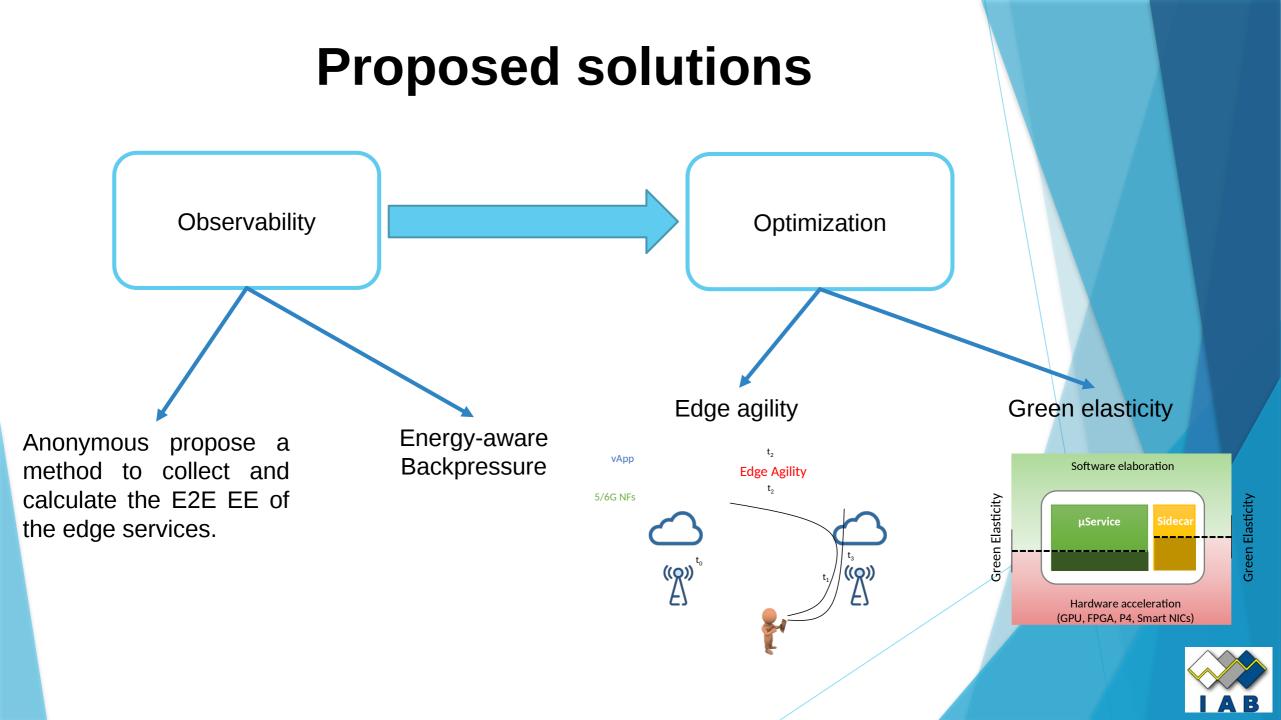


Next steps Energy/Carbonawareness **Economic incentives** Observability Which metrics? Energy per unit Optimization traffic of (see Anonymous paper)? How do we relate energy metrics to individual vertical Artificial Intelligence applications? (see Anonymous

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paper)





Thank you for your attention!

Any questions?

