

3GPP TSG RAN#93e
September 13-17, 2021

GRUPPO TIM

On sidelink enhancements in Rel 18

 **TIM**

INNOVATION LAB



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Background

- During the first round of discussion in [RAN93e-R18Prep-06] Sidelink enhancements (excluding positioning) several companies indicated low interest to sidelink enhancements in general
- As far as it is known by Telecom Italia, no commercial smartphone supports sidelink (either LTE or NR)
- After that the supporters proposed a very high number of new enhancements
- Taking into account that only the proponents were contributing to the intermediate and final phase of the discussion, many proposals were marked as “non-controversial”, while the whole activity should be marked as controversial

Proposal

- Sidelink enhancements should be limited to a strict minimum with very clear scope
- The focus should be based on requests from the market, especially taking into considerations 5GAA and other MRPs indications
- Proposals with high workload impact, requiring non backward compatible modifications of the physical layer are likely to further fragment the market and should not further pursued