Rapid and economic deployment of Gigabit broadband: Amsterdam case study

Full FTTH deployment is unattractive in dense city areas:
- Digging and drilling is too expensive
- Digging not allowed in historic areas

Hybrid FTTH deployment reuses existing telephony wiring (<250m) with G.fast:
- Less digging and drilling
- Shortens installation time
- Does not disturb customers
- Allows for self install in premises (no appointment needed)

Cost comparison: Full vs. Hybrid FTTH
- G.fast slashes cost in final connection link
- Hybrid FTTH can save 70% of the investment costs (CAPEX) of Full FTTH
- Pre-provision of multiple lines is possible in one visit

Amsterdam: 97% of locations within G.fast reach (<250m) from potential G.fast nodes; 70% even within 100m

Cost comparison of deployment to 10813 + 349798 = 360611 locations

 amsterdam case study

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