

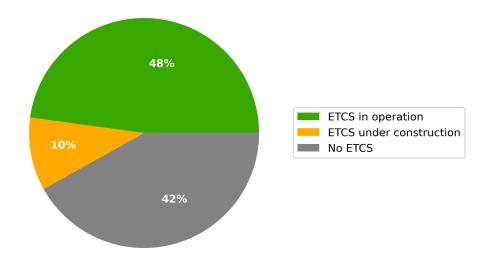


ERTMS Deployment data

Date Exported: 21/07/2023

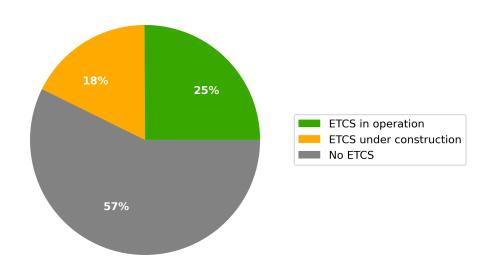
ETCS DEPLOYMENT

ETCS Status (km) by 2023



ETCS current status of CNC lengths expected according to EDP by 2023

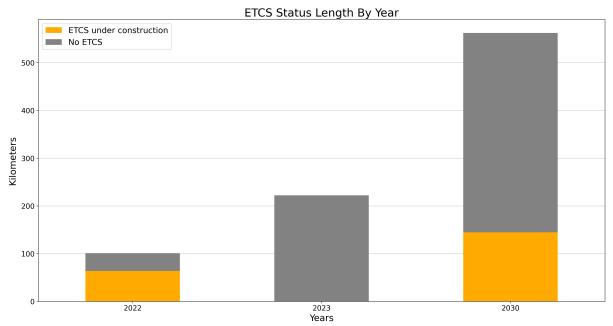
ETCS Status (km) by 2030



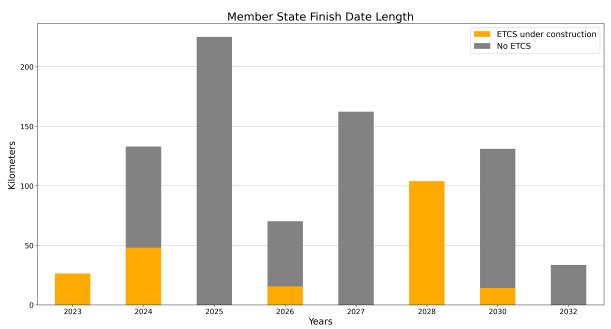
ETCS current status of CNC lengths expected according to TEN-T Guidelines by 2030







ETCS deployment progress against the EDP targets per year. Note: The 2030 bar includes sections planned in the EDP as "beyond 2023"



ETCS current status of CNC lengths per year considering MS plan







Overview of the ETCS deployment status (Source: DMT elaboration)



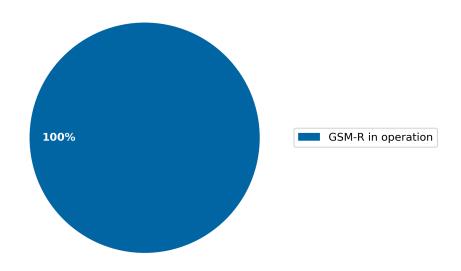


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GSM-R DEPLOYMENT

GSM-R Status (km)



GSM-R current status







Overview of the GSM-R deployment (Source: DMT elaboration)

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