



EDP ERTMS deployment progress

INEA
CEF ERTMS ACTIONS WORKSHOP
4 March 2021

Summary of trackside

deployment progress based on the European Deployment Plan



@Transport_EU

Mobility and
Transport

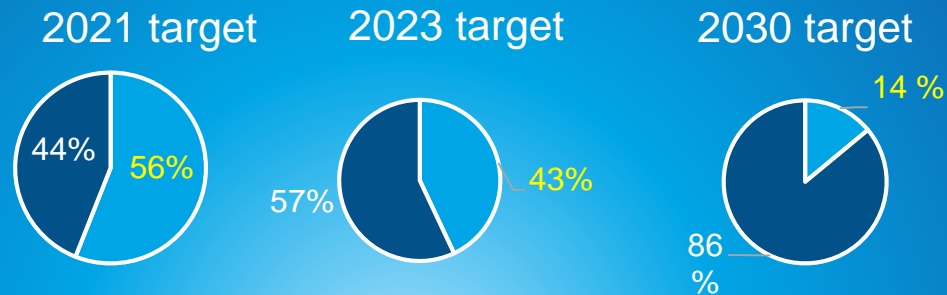
EUROPE

ERTMS deployment trackside on CNC (EDP)

- EDP, 2017



Today
6859.42 km



□ ETCS in operation

There are in operation 70 km planned in the EDP between 2021 and 2023, and 136 km planned beyond 2023

ERTMS deployment trackside on CNC (2023 target)

KPI	Length to be equipped by 2023 (Km)	Current ETCS in operation (Km)	Current ETCS in operation (%)	ETCS in operation & ETCS under construction (%)	ETCS in operation & Projects signed (including Framework projects) (%)
ATL	1.751,30	1.045,52	60	89	89
BAC	2.100,54	1.317,56	63	86	86
MED	3.134,70	1.644,37	52	95	95
NSB	1.640,39	432,38	26	93	99
NSM	1.565,43	785,41	50	71	100
OEM	2.762,49	673,61	24	90	90
RALP	2.272,89	962,93	42	89	98
RDN	2.062,23	619,63	30	98	98
SCM	1.863,82	683,72	37	65	88

ERTMS deployment trackside on CNC (2030 target)

KPI	Length to be equipped by 2030 (Km)	Current ETCS in operation (Km)	Current ETCS in operation (%)	ETCS in operation & ETCS under construction (%)	ETCS in operation & Projects signed (including Framework projects) (%)
ATL	8.214,21	1.046,45	13	27	27
BAC	4.666,96	1.396,88	30	41	41
MED	9.293,70	1.672,60	18	36	36
NSB	5.143,14	432,38	8	33	35
NSM	6.377,30	788,25	12	18	26
OEM	5.850,08	673,61	12	44	44
RALP	3.461,79	974,64	28	61	68
RDN	5.802,49	619,63	11	40	40
SCM	9.466,20	696,91	7	17	38

Note: UK sections included in CNC are still consider in the NSM`s length



Additional information

- Based on UNISIG + national data there are:
 - a) almost **34,000 km** in the EU-27
 - b) some **41,000 km** in Europe, including
 - NO 4,169 km
 - CH 3,174.6 km
 - UK 199 km

contracted, including lines in operation.
- According to DMT data, there are **10,075 km** ETCS in operation (i.e. **6,859 km** belong to CNC and **3,215 km** outside CNC) in Europe (including UK, CH, NO).

Some conclusions

- The deployment was further delayed in 2020
- Most of the delays do not exceed 2-3 years
- The vast majority of the pending lines are under construction
- Several early movers for nation-wide deployment delay their deployment but at the same time more and more countries opt for a network-wide deployment
- Deploying the entire Core Network by 2030 will be a particular challenge (EU-27: 63 712 km)



Thank you for your attention!