



TEN-T Core Network Corridors

The Scandinavian-Mediterranean Corridor



18th Corridor Forum Meeting
Brussels, 06.06.2023

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Corridor Alignment* & Stakeholders


- Member States & Norway
- Infrastructure managers:
 - Rail
 - Road
 - Seaports
 - Airports
 - Rail Road Terminals
- Regions
- Core Urban Nodes
- Selected Projects

* The Regulation (EU) 2021/1153 establishing the Connecting Europe Facility (CEF) for the period 2021-2027


Date: 06 June 2023

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1	Opening, Welcome, past Activities by <i>Pat Cox, European Coordinator TEN-T CNC ScanMed</i>
2	Tour de corridor: <i>Introduction of Corridor Forum Members</i>
3	Adoption of the Agenda, and the Minutes of Meeting of the 17 th Corridor Forum Meeting 28.09.2022
4	Reports from DG MOVE and CINEA - details overview by <i>Martin Zeitler (MOVE), Thomas Lazzeri (CINEA) and Antoine Kedzierski (MOVE B1)</i>
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	Coffee Break
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Information on the Coordinators' activities / Meetings – past 2022

Date	Place	Subject
✓ 28.09.2022	Brussels	17th Corridor Forum Meeting (Presentation of the 5th WP)
✓ 28.09.2022	Brussels	RFC SanMed Meeting
✓ 28.09.2022	Brussels	Bothnian Corridor Meeting, Brussels
✓ 12.10.2022	Online	EU week of cities and regions intervention for the ScanMed observatory
✓ 12/13.10.2022	Gent	Seminar of the European Coordinators
✓ 17.10.2022	Online	BBT-SE supervisory board meeting
✓ 26.10.2022	Brussels	Coordinators hearing at the European Parliament TRAN committee
✓ 07-08.11.2022	Frederikstad	Nordic Council of Ministers (of Transport)
✓ 09.11.2022	Innsbruck	Meeting BBT-SE staff
✓ 17.11.2022	Brussels	Aktionsgemeinschaft Brennerbahn Conference "Digitalising Europe's Railways"
✓ 04.12.2022	„worldwide“	St Barbara Day
✓ 07.12.2022		Eastern Norway County Network – cross border freight conference
✓ 20.12.2022	Online	BBT-SE supervisory board meeting

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✓ 10.01.2023	Copenhagen/ Rødby	Meeting DK Minister of Transport; Femern A/S and site visit
✓ 12.01.2023	Vienna	BBT-SE supervisory board meeting
✓ 23.01.2023	online	Meeting of the Intergovernmental Commission for the BBT
✓ 14.02.2023	Online	Brenner Corridor Platform Chairs Meeting
✓ 01.03.2023	Verona	Closing event for the CEF project "Verona Intermodal"
✓ 30/31.03.2023	Lulea	Railway forum North
✓ 19.04.2023	Rome	Meeting the Italian minister for transport,
✓ 20.04.2023	Online	Bavarian Excellence Program Europe Session on "Transport",
✓ 15.05.2023	Rosenheim	Visit to Rosenheim
✓ 16/17.05.2023	Innsbruck	Brenner Corridor Platform Plenary Meeting
✓ 23.05.2023	Online	Fehmarn Belt Platform steering meeting
✓ 24.05.2023	Online	Scandria Alliance roundtable video message
➔ 06.06.2023	Brussels	18th Corridor Forum Meeting (Presentation of PIR 2023-1)

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Meeting Femern A/S and site visit on 11.01.2023





Foto: U. Sondermann

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Brenner Corridor Platform and site visit BBT SE on 16/17.05.2023







Foto: U. Sondermann

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Meeting place: Centre Albert Borschette, 36 Rue Froissart, 1040 Brussels, Room CCAB 0.C Date: 06 June 2023 10 Page 1 of 8																										

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Adoption of Minutes of Meeting

- Draft Minutes of Meeting sent on 04.10.2022
- IT comment to delete one phrase that could be misinterpreted
- DE commented to correct the abbreviation of the Ministry
- Final version sent on 24.11.2022

Scandinavian-Mediterranean Core Network Corridor

17th Corridor Forum Meeting
Restricted Minutes of Meeting
Brussels, 28th September 2022

17th Corridor Forum Meeting
Restricted Working Meeting with Member States
28th September 2022, 12:30-12:45, Brussels
Minutes of Meeting (draft)

Participant List

Company/Organisation	Participants
Coordinator and European Institutions	
European Coordinator	Pat Cox (European Coordinator)
European Commission DG MOVE	Jan Steinkohl (Advisor, DG MOVE)
CINEA	Thomas Lazen
Member States (MS) and Norway	
Austria (BMK) – AT	Claudius Popescu Camille Dachicourt
Germany (BMDV) – DE	Frank Zwieli
Denmark (Transport-, Bygnings- og Bolgministeriet) – DK	Thomas Rousing-Schmidt representing Elise Regitze Voss – excused
Finland (Ministry of Transport and Communications) – FI	Marjukka Vihavainen-Pitkanen Kaisa Kuukasjärvi Melasniemi Atte
Italy (MIMS) – IT	Federica Polce (MIMS) - excused, Angela Schieda (MIMS) Carlo Prieschich (MIMS) Valeria Cipollone (RAM SpA)
Malta (Transport Infrastructure Malta) – MT	David Sutton
Norway – NO	Paal Iversen
Sweden – SE	Niklas Lundin (Ministry of Infrastructure) Ulfa-Stina Ingemarsson (Trafikverket)
Contractor Consortium (CC) and other	
Ideas Laboratory Expert	Christer Lövning (Trafikverket)
KombiConsult	Klaus-Uwe Sondermann

Venue of the Meeting:
Centre Albert Borschette, 36 Rue Froissart, 1040 Brussels, Room CCAB 0.C

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- TEN-T revision: state of play and main elements of the negotiations by *Martin Zeitler MOVE*
- CEF II and ongoing call: basic statistics by CINEA by *Thomas Lazzeri CINEA*
- Military Mobility and Alternative Fuels Infrastructure Facility calls: update on results and information on the third Military Mobility call by *Thomas Lazzeri CINEA*
- Online public dashboard: information about a new portal on EU funding by *Thomas Lazzeri CINEA*
- CEF III: exchange of views on the financing aspects and possible recommendations for the upcoming financial period by *Antoine Kedzierski MOVE B1*

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- See separate presentation of DG MOVE

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- But longer than 15:30



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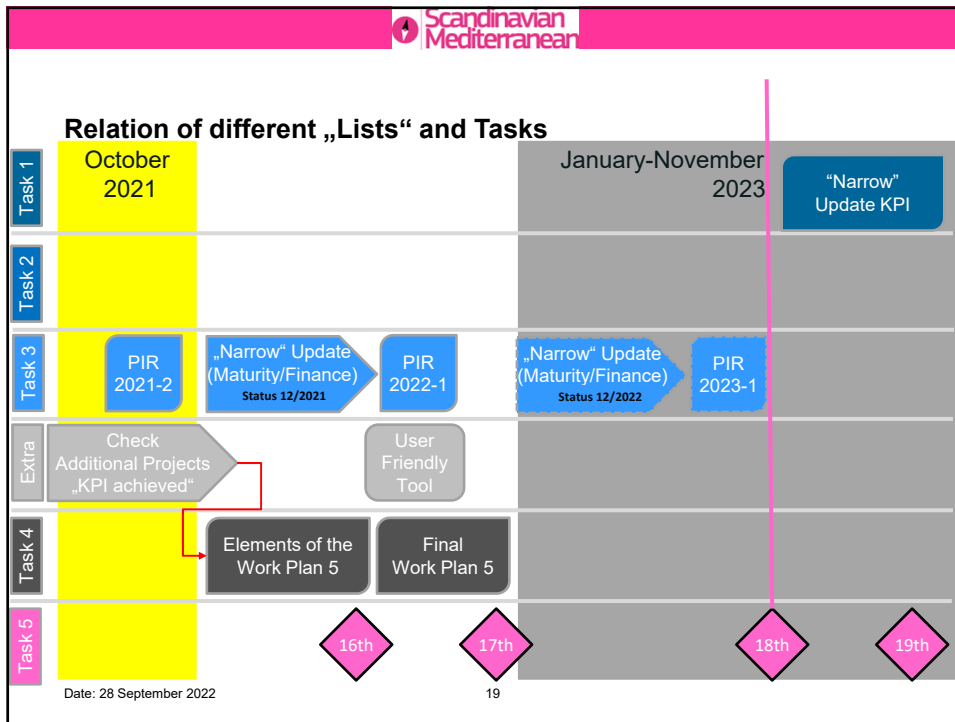


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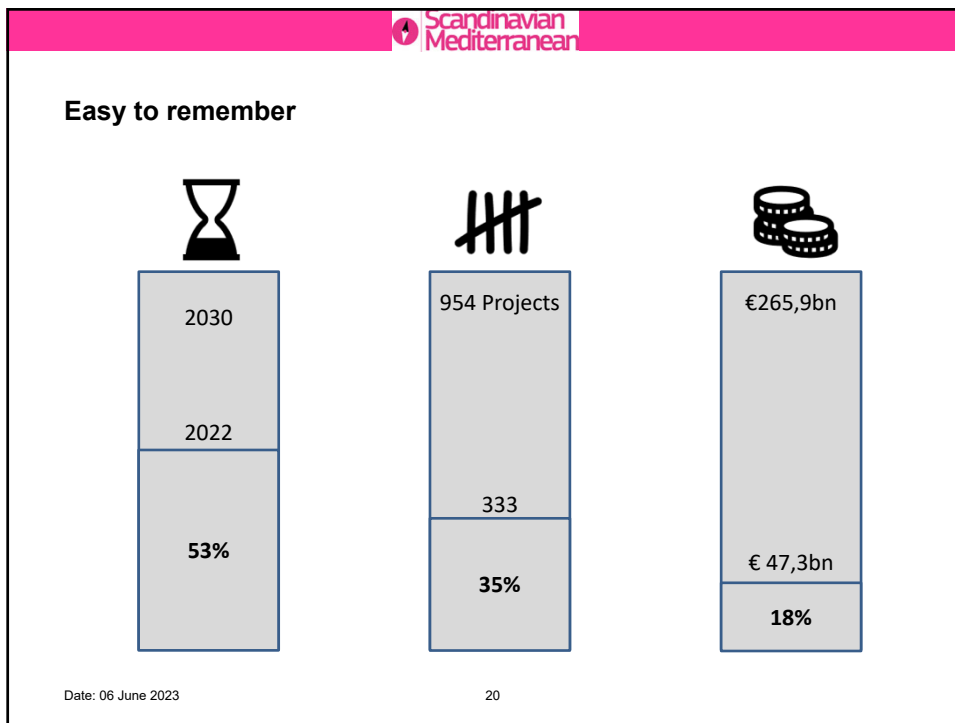
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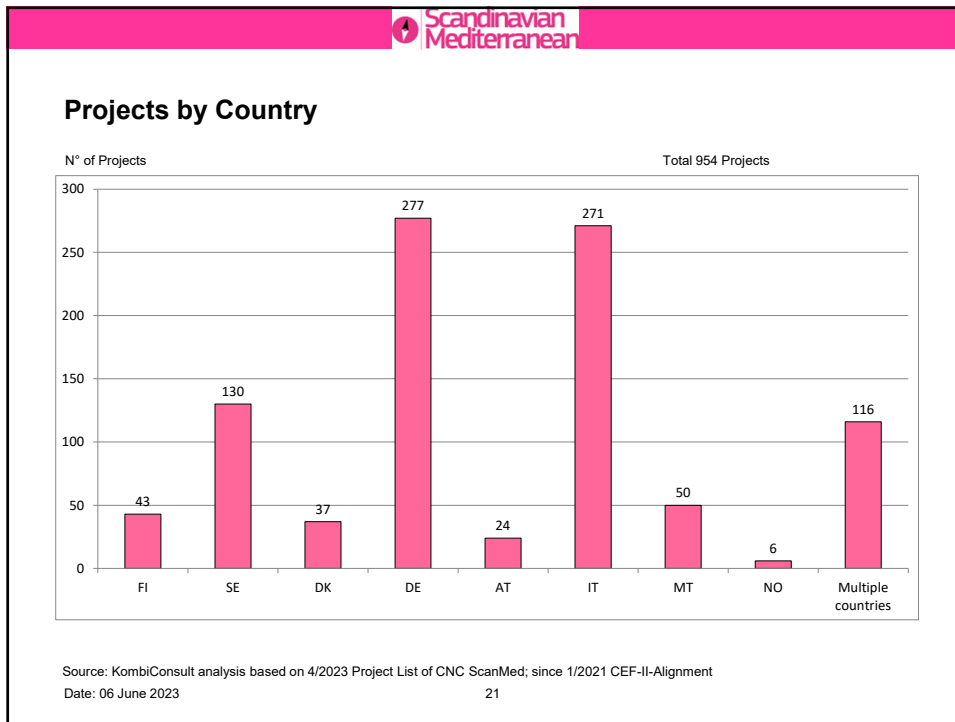
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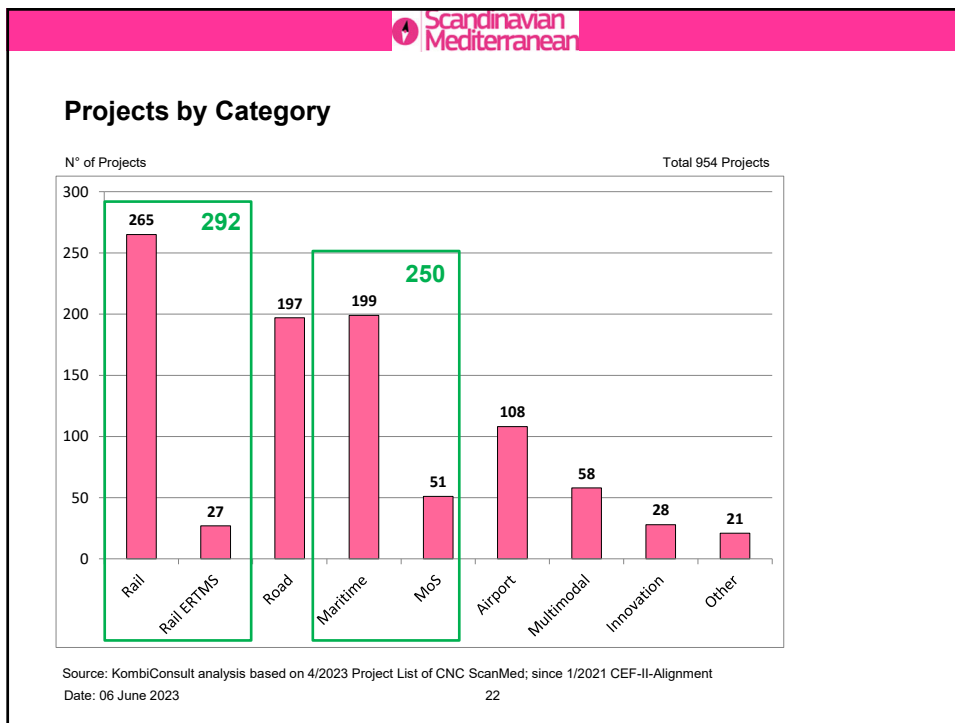
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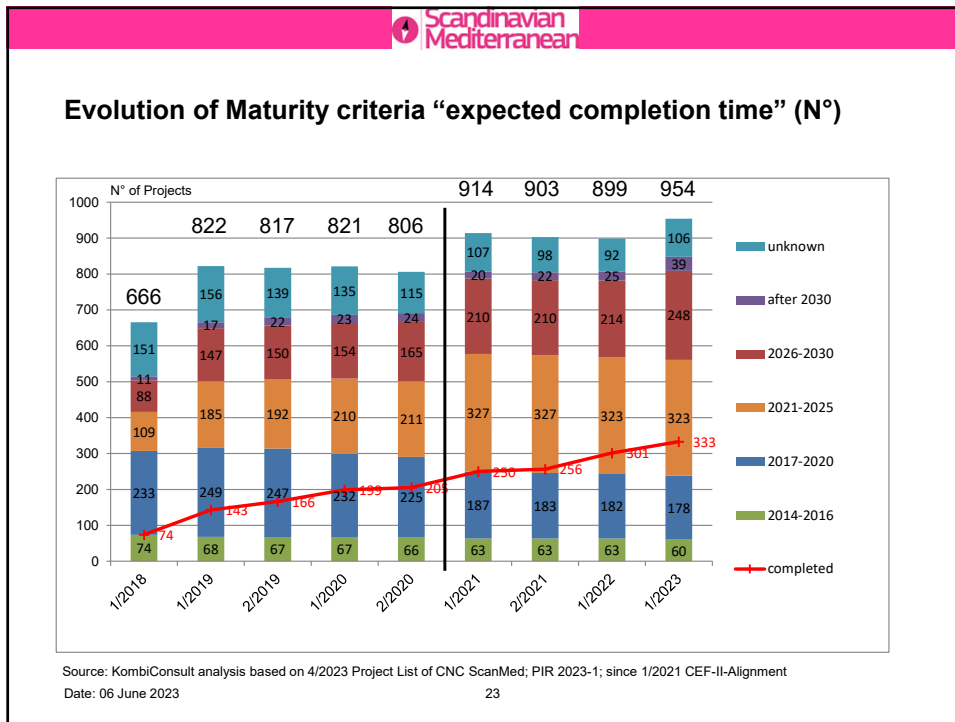
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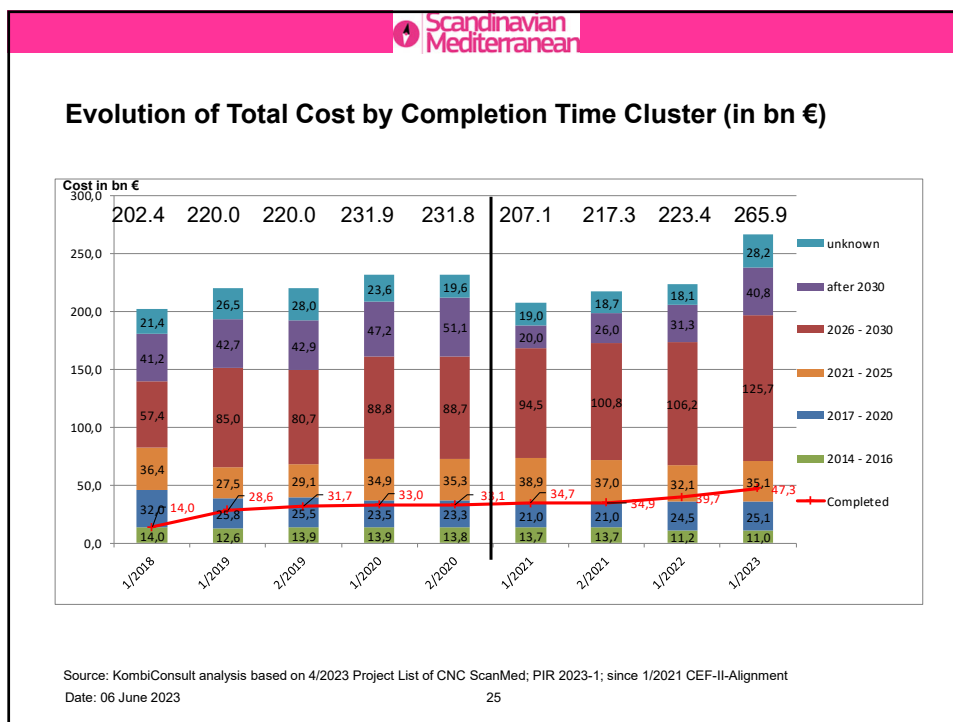
Back-up

Evolution of Maturity criteria “expected completion time” (N°)

- Since the first Project Implementation Report, 288 ScanMed relevant projects have been added to the Project List. Considering that projects were deactivated meanwhile, this number might be higher. The number of projects relevant for the ScanMed corridor thus increased from 666 projects in the first Project Implementation Report up to 954 projects in the current Project Implementation Report;
- Since the first Project Implementation Report (project status 11/2017), further 259 projects were completed (project status 12/2022). The number of completed projects thus increased from 74 (11% share) to 333 projects (35% share), meaning about one third of the envisaged projects are completed now;
- The number of projects for which the completion time is unknown, decreased by 45 projects from 151 to 106, despite the fact that at least 288 projects were added to the project list meanwhile;
- The number of projects, for which the completion time is beyond 2030, increased from 11 to 39 projects;
- Projects with late (2026-2030, after 2030) finalisation particularly refer to transport mode Rail + Rail ERTMS with 143 projects in these time clusters, followed by Maritime (59) and Road (47);
- Most projects where the finalisation is unknown are of the same categories with 29 Rail + Rail ERTMS projects, followed by 22 Road projects and 18 Maritime projects;
- Of the 333 projects that are completed so far, most projects refer to project category Road (82), followed by Maritime (63), Rail + Rail ERTMS (61), Airport (41), MoS (40), and Multimodal (29).

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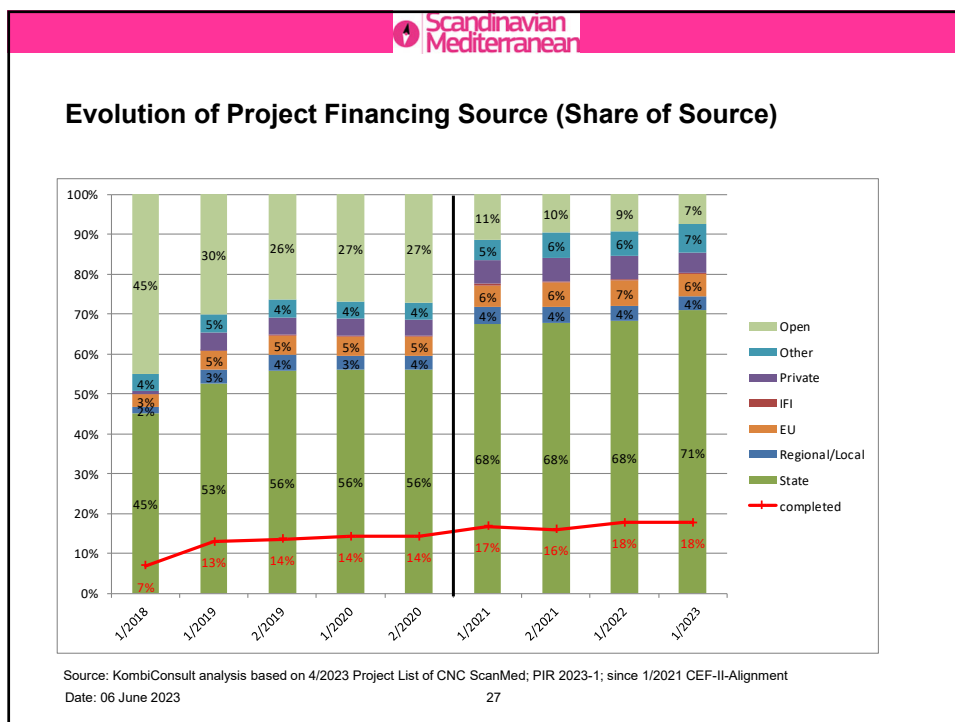
Back-up

Evolution of Total Cost by Completion Time Cluster (in bn €)

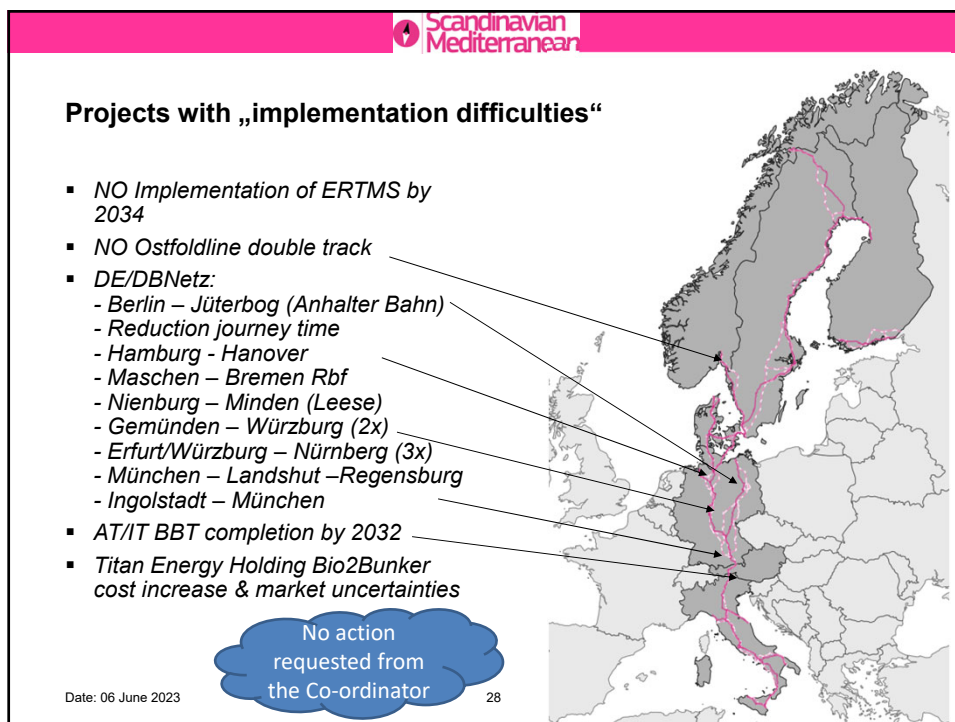
- Since the first Project Implementation Report, costs of completed projects more than tripled from about €14,0bn to currently €47,3bn, increasing its share from 7% to 18%;
- The project costs for timeframes 2014–2016, 2017–2020, 2021–2025 and “after 2030” decreased and only the project costs for “2026 – 2030” increased, which indicates a general delay in project completion, but also a considerable increase of projects in this timeframe;
- The project costs allocated to projects of which the completion time is not known increased from €21,4bn to €28,3bn since the first Project Implementation Report, after it decreased considerably from an all-time high of about €28,0bn in the report 2019-2 until the last report. It is still a high amount for projects where it is not known when they will be finished;
- As most projects with late (2026-2030, after 2030) finalisation particularly refer to transport mode Rail + Rail ERTMS (143 projects), they also represent by far the biggest cost share with €116,5bn, followed by Road (€22,4bn), Maritime (€11,0bn), Airport (7,7bn), and Multimodal (€7,3bn);
- Most costs allocated to projects where the project finalisation is unknown are also Rail + Rail ERTMS (€20,4bn), followed by Road (€2,8bn) and Maritime (€1,3bn)
- Of the 333 projects that are completed so far, most project costs refer to project category Rail + Rail ERTMS with €24,1bn, followed by Road (€14,1bn), Airport (€3,1bn), Maritime (€2,3bn) and MoS (€1,5bn).

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**Scandinavian
Mediterranean**

Projects lacking to achieve compliance by 2030

- FI: Additional (2nd) track Luumäki-Vainikkala
- FI: Improvement of the section Espoo - Karjaa
- SE: ERTMS ScanMed East Etapp 1 inkl. Katrineholm - Aby (Korridor B)
- SE: Göteborg-Landvetter-Borås Airport connection
- SE: ERTMS, ScanMed West etapp 2 [Trelleborg - Malmö - Göteborg - Kornsjö]
- SE: Luleå-Riksgränsen-(Narvik), ERTMS
- SE: E4 Kongberget-Gnarps Express road/motorway
- SE: E10 Kauppinen-Kiruna
- SE: E4, Broänge-Daglösten, mötesseparering
- SE: E4, Daglösten-Ljusvattnet, mötesseparering
- SE: Norrbottenbanan Däva-Skellefteå, new railway
- SE: Sundsvall-Dingersjö, double track
- SE: Ostkustbanan, Gävle-Kringlan, capacity enhancement, new double track
- SE: Norrbottenbanan Skellefteå - Luleå, new railway
- SE: Sävastklienten-Norra Sunderbyn siding and partial double track, study for double track Boden-Luleå
- SE: Malmöbanan, Murjek, Hamträsk, Näsberg and Nourtikon
- DB Netz: Upgrade of terminal Hamburg-Billwerder - Construction of 4th module
- DB Netz: Upgrade of terminal München - Construction of 2 modules (new location)
- BMW (DB Netz): ... (Optimised Alpha E)
- ÖBB-Infrastruktur AG: ERTMS deployment Schaffensau - Knoten Radfeld
- BBT SE: Brenner base tunnel
- RFI: Southern access line to Brenner; Lotto/lot 2-4: Bolzano/Bozen; Trento/Trient; Pescantina - Verona

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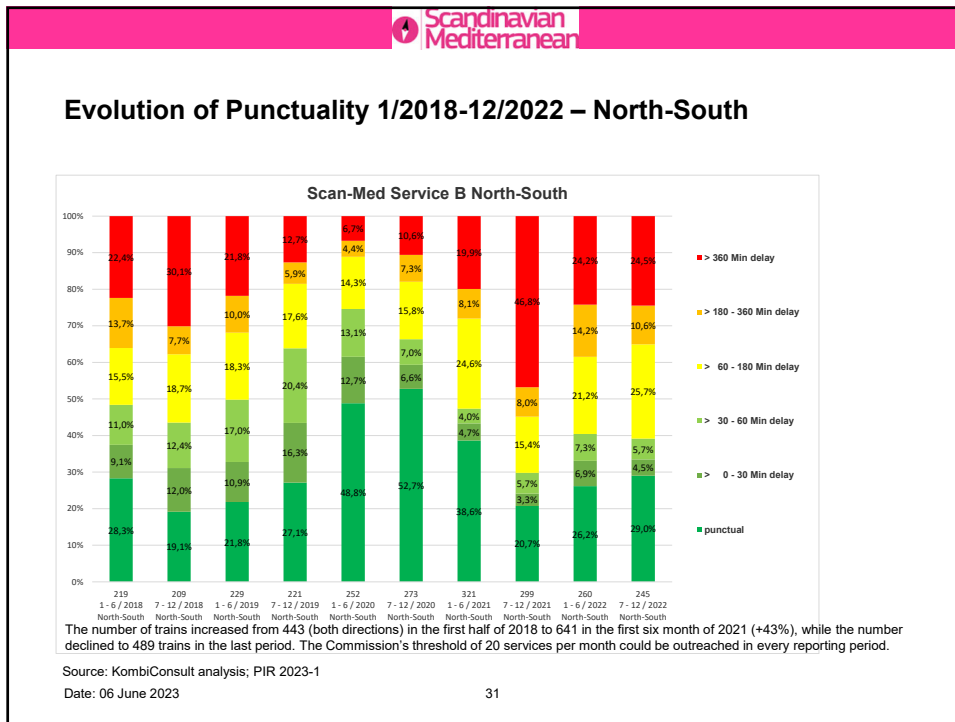
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**Scandinavian
Mediterranean**

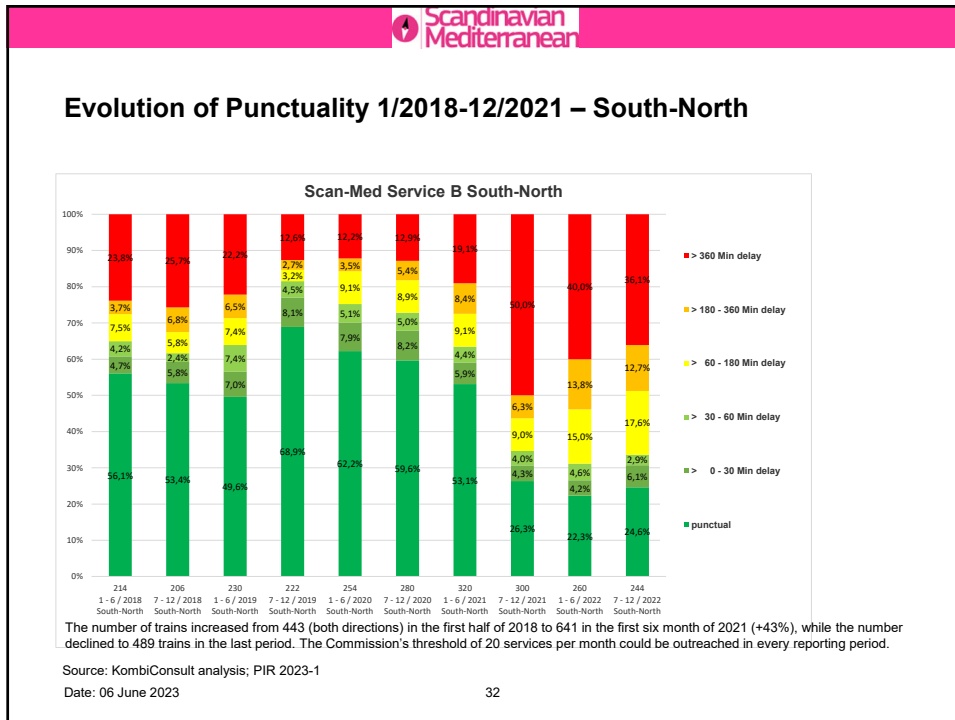
Fehmarn Sund Bridge from bus-eye view, rail line (left) is closed

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Scandinavian Mediterranean

Back-up

Evolution of Punctuality 1/2018-12/2022

- For the intermodal rail service B between a Baltic Sea Port and a freight hub in Northern Italy which focuses on general cargo the respective times and punctuality figures were obtained in order to be monitored over a period of time.
- The number of trains increased from 443 (both directions) in the first half of 2018 to 641 in the first six month of 2021 (+43%), while the number declined to 489 trains in the last period. The Commission's threshold of 20 services per month could be outreached in every reporting period.
- Punctuality of the south-north trains was usually better than the opposite direction despite the last period. Both directions showed a positive development until the 4th reporting period (2020), whereas the quality declined after that. For the north-south trains the punctuality - if a delay of one hour is accepted - decreased from 48% to 30% with a high of 75% in the first half of 2020, and for the opposite direction it decreased from 65% to 35%, despite a high of 81% in the second half of 2019. In the last two reporting periods, however, a small increase in overall punctuality and a significant reduction of dramatic delay of more than 6 hours could be observed.

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Scandinavian Mediterranean


Upcoming Activities in the framework of the Corridor Study

- Provide one update of technical parameters in TENtec OMC for 2021 and 2022 of the following 11 KPIs
- Limited to existing section which are not compliant, yet and based on
 - the narrow update of the project list (PIR 2023-1),
 - the data of the consultants, and
 - the data from the network statements of the infrastructure managers.
- Section sharing among consultants/Corridors
- Results per corridor obtained from TENtec OMC in November 2023



Compliance Indicators		TEN-T CNC Compliance Rates by end 2019
Rail	Loading gauge (≥ P400)	40%
	Maximum train length (≥ 740m)	53%
	Max axle load (≥ 22,5 tonnes)	90%
	Line Speed (≥ 100km/h)	86%
	Track gauge (1435mm)	84%
	Electrification	90%
Air	Connection to rail	70%
IWW	RIS implementation	94%
	Permissible height under bridges (≥ 5,25m)	83%
	Permissible draught (≥ 2,5m)	84%
	CEMT IV class (≥ IV)	96%

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Agenda of the 18th Corridor forum meeting 06.06.2023 - update	
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3	Adoption of the Agenda, and the Minutes of Meeting of the 17 th Corridor Forum Meeting 28.09.2022
4	Reports from DG MOVE and CINEA - details overview by <i>Martin Zeitler (MOVE), Thomas Lazzeri (CINEA) and Antoine Kedzierski (MOVE B1)</i>
6	Report from ongoing or recently completed Projects on the ScanMed Corridor - Innovative financing scheme of the upgrade of the Palermo-Catania railway by <i>Stefano Pierini, FS-Group</i> - Impact of "Inflation" on large project – the BBT case by <i>Sandro Francesconi, BBT SE</i>
	"Coffee" Break
5	State of Play of the TEN-T CNC study by <i>Consultant team</i> - Results of the Project Implementation Report 2023-1 - Upcoming Activities
6	Report from ongoing or recently completed Projects on the ScanMed Corridor - Greater4H by <i>Julie Jo Nygaard, Project Manager Greater4H at STRING</i> Questions and Answers; Feedback from CF members
7	Reports from DG MOVE - The role of the urban policy in the TEN-T: Presentation of Sustainable Urban Mobility Plans (SUMP) and the Cities Mission action by <i>Leo Huberts MOVE B3</i> - (virtual) meetings with the coordinator and the 19th Corridor Forum Meeting November 2023 by <i>Martin Zeitler, Political Advisor of the European Coordinator</i>
8	Any other business (e.g. news from CF members)
9	Conclusions / wrap-up by <i>Pat Cox, European Coordinator</i>
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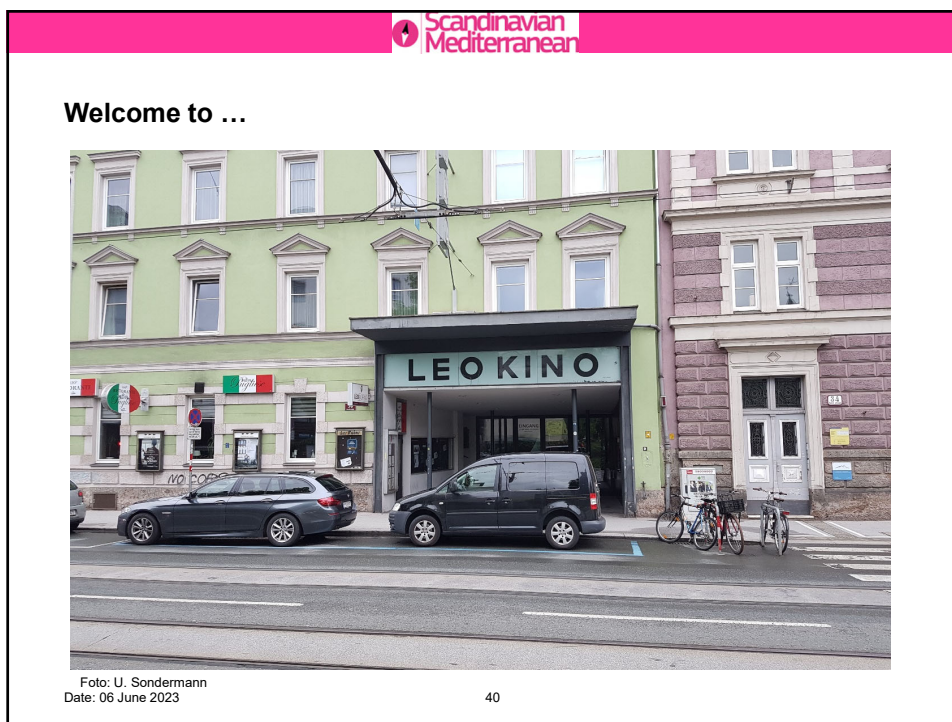
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Report from Projects	
<ul style="list-style-type: none"> ▪ <u>Greater4H by Julie Jo Nygaard, Project Manager Greater4H at STRING</u> 	
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- See separate presentation of DG MOVE

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Information on the Coordinators' activities / Meetings - future

Date	Place	Subject
 06.06.2023	Brussels	18th Corridor Forum Meeting (Presentation of PIR 2023-1)
04.10.2023	Berlin	Coordinators visit to Berlin for meeting DE Minister and CEO DB, tbc
16/17.10.2023	Rome	BBT-SE supervisory board meeting
6/7.11.2023	Helsinki	Scandria Alliance General Assembly, tbc
14.11.2023	Brussels	19th Corridor Forum Meeting (Presentation of KPI-Status 2021/22)
08.12.2023	Skane	Inauguration of Malmö-Lund and Ängelholm-Maria railway sections + railway conference organised by SE ministry
10-12.01.2024	Vienna	BBE-SE supervisory board meeting
2-5.04.2024	Brussels	Connecting Europe Days, tbc
15-18.04.2024	Dublin	Transport Research Arena, tbc

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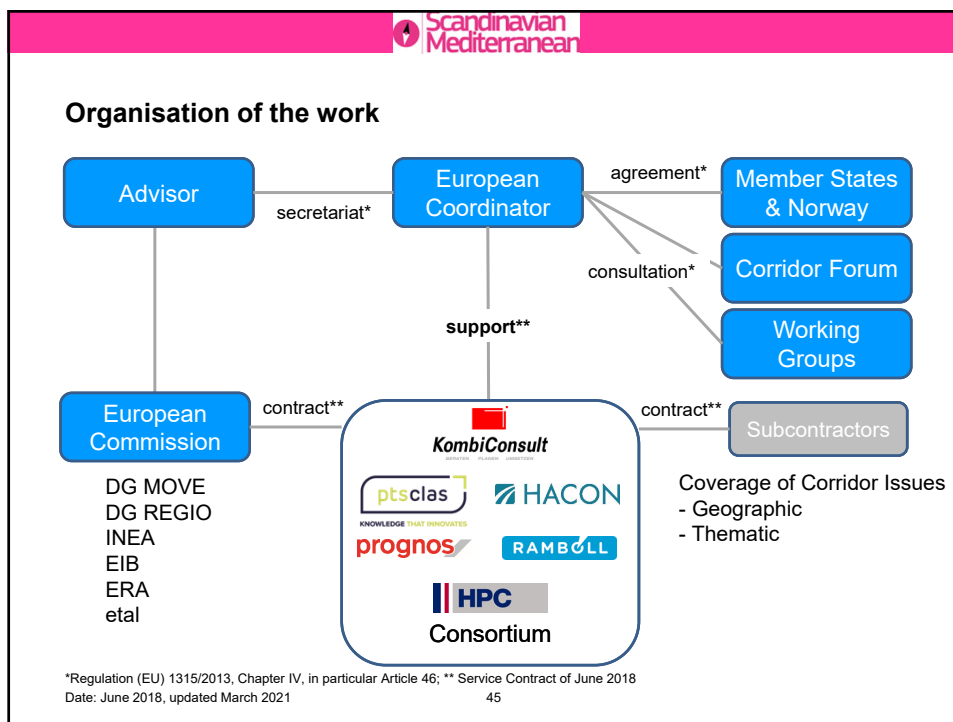


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