1. **Introduction, Welcome, adoption of the Agenda**

Giorgio TRAVAINI welcomed the participants to the EDDP Programme Board meeting. He presented the agenda which was adopted with no further changes. Due to the absence of Mark TOPAL, the PM Team was represented solely by Jens ENGELMANN.

On behalf of the Commission, Estelle BACCONNIER reported no major issues from the Commission side.

On behalf of the JU, Giorgio TRAVAINI informed about a dedicated meeting for the JU SRG focusing on the DAC programme. He pointed out that the session could be an opportunity for improving the communication on the DAC among the MS. The meeting was scheduled for 7 June 2023. He also informed the EDDP PB that the DAC programme would be a discussion topic at the next EU-Rail Governing Board meeting on 23 June 2023.

2. **Review of actions since the last PB**

Jens ENGELMANN presented the actions undertaken by the Programme Managers since the last Programme Board meeting (*for details please refer to the presentation*).

He reminded that at the last meeting, the EDDP PB decided to organise a dedicated deep-dive session on the DAC Master Plan. He informed that several inputs were received from the EDDP members after the last meeting, yet no session had been organised up to date. The proposal was to discuss the inputs received and if needed, to decide on organising a deep-dive session during the meeting.

Matthias KNÜPLING commented that such session could be helpful in facilitating drafting the explanation by the companies. He reminded that certain issues were still open and requested answers. The companies should come up with intelligent...
answers to open questions. For this reason, he opted for a deep-dive session in the coming weeks.

**EDDP and migration roadmap**

3. New WP3 Co-Lead

Jens ENGELMANN introduced the proposal by the UIP to appoint Markus VAERST as a new leader of WP3, following the departure of David KUPFER from UNIFE.

Matthias KNÜPLING and Andreas LIPKA introduced the candidate in light of his absence. Andreas LIPKA added that Markus VAERST was engaged in the work of WP3 from the beginning, thus, he had sufficient knowledge.

Giorgio TRAVAINI asked if such proposal was agreed with UNIFE. He reminded that the Supervisory Board shall endorse the candidature of Markus VAERST, and the SB was represented by the associations. The PM and JU would discuss it with the associations.

➔ PB endorsed the proposal to appoint Markus VAERST as a new WP3 Leader. The proposal would be recommended to the SB for endorsement after checking the proposal has been accepted by UNIFE.

4. Further detail DAC draft master plan

Jens ENGELMANN reminded that the PM presented the draft Master Plan during the last EDDP PB meeting. After the meeting the inputs were received, and the PM consolidated them into a new version. He presented the version from April 2023 and presented the main comments (for details please refer to the presentation).

The EDDP PB discussed the pre-deployment trains. Petr JINDRA asked about the conditions under which they would operate (i.e., loaded or unloaded; with coupling or decoupling). Jens ENGELMANN confirmed that the conditions should be as close to real life as possible (loaded, with coupling, different weather conditions).

Matthias KNÜPLING commented on testing. He underlined that he was asked by the shippers several times when they could make use of test cases of the DAC. He stressed there were volunteers in Europe to test the transport loads and make use of real DAC-equipped trains and wagons.

Patrick LEFEVRE commented on sampling. He stressed that choosing of short trains should result in bad sampling.

Andreas LIPKA commented on locomotives. He stressed that the locos are critical for the planning – the work on locos should be set up in the planning, including budget if needed. Martin ERTL commented on types of locos. He indicated that it would be important to understand which types of locos had the highest priority and to find solutions for them first. Andres LIPKA explained that a lot of work was done with operators to identify the types of loco. The conclusion was that due to high exchange of locos between the lines there would not be possible to make a clear-cut between the types of locos and come up with prioritisation. Martin ERTL insisted that there should be clarity on this in the sector.

Oscar MARTOS asked the PM for preparation of a short presentation with new deadlines that could be distributed to the ERA. Giorgio TRAVAINI confirmed that once there was a common understanding on the draft MP, the plan would be presented to the ERA topical working group.

Giorgio TRAVAINI asked the EDDP PB if a deep-dive session would be needed. He proposed that the draft MP could be endorsed at the meeting, subject to consensus, and a deep-dive session could be organised afterwards to align the communication.
Matthias KNÜPLING commented there were many arguments for and against the plan. He also indicated that the PM worked hard to come to the conclusions and the current version was the best solution up to date. He endorsed the MP in general yet recommended not to publish it externally.

- The draft MP was accepted and endorsed by the PB
- The MP will be presented to the SB in June for endorsement
- A deep-dive session will be organised by the JU to discuss the alignment on communication

5. Critical issue 3 – Fleet retrofit preparedness: state of play
Andreas LIPKA updated the EDDP PB on the status of fleet retrofitting preparedness. He commented that certain progress was made since the last meeting, however, the target was not yet reached. He informed about the planned workshops with manufacturers on freight wagon. The workshops would be organised in two steps – first session in June, second in September. The UIP would support financially workshop on the freight wagon.

For locos, there was no considerable progress. Andreas LIPKA informed about the intention to hold a dedicated workshop with loco manufacturers in late June.

Estelle Bacconnier asked about the expertise and budget requested in terms of locos. Andreas LIPKA confirmed that such expertise and budget would be needed to do the migration planning. He indicated that as for now the expertise from engineers.

Libor Lochman asked about the list of invited persons for the workshops. It was decided that such list would be available for the EDDP PB after the meeting. The PB was invited to add persons who would be interested and were not on the list.

Giorgio Travaini asked whether all Members of the EDDP PB agreed on a dedicated workshop with loco manufacturers to discuss the gaps and pending issues.

- Dedicated workshops will be organised to involve loco manufacturers, railway undertakings, wagon keepers, etc. The JU/EC will send invitations. The EDDP PB members are invited to disseminate the invitation to relevant stakeholders and add additional persons on the list

6. DAC migration roadmap – DAC “starter package”: state of play
Jens Engelmann reminded the conclusions from the last meeting in April (for details please refer to the presentation). He informed that the first bilateral discussions on requirements to starter package took place with RLE, UIP, SBB Cargo, DB Cargo and OBB. Further discussion would follow with CD Cargo, manufacturers, private RUs and others. Andreas LIPKA presented the comments received (for details please refer to the presentation).

Jens Engelmann presented next steps (for details, please refer to the presentation).

7. Sector statement: state of play
Jens Engelmann presented the actions, responsibilities, and timeline (for details, please refer to the presentation). It was confirmed that a new date for greening transport package was 11 July 2023.

Giorgio Travaini and Estelle Bacconnier discussed the statement by the sector. They underlined that it would be important that the message passed by the sector was strong enough and it cannot be compromised to allow all companies sign such a statement.
8. CBA update

Mitchell VAN BALEN and Nicolas GOHEL provided an update on the CBA exercise. They discussed the main changes to the model and informed about the latest interactions (for details, please refer to the presentation).

Estelle BACCONNIER commented on the CBA. She stressed that the presented figures would be critical for getting support from the EC, thus, they must be strong enough. She suggested to wait until the next version of the CBA to compare the results before making it public. She also referred to the Investment Plan which showed different figures. She stressed that such discrepancies could undermine the work.

Matthias KNÜPLING agreed that discrepancies in figures may be puzzled for the stakeholders. However, there were no right figures as there were many unknowns (i.e., production costs).

Jens ENGELMANN proposed to wait until the September version of the CBA would be ready and to decide on publication of results afterwards. Giorgio TRAVAINI reminded that the CBA results must be at some point published as it was an exercise financed from the public money. He agreed that the proper timing should be agreed.

➔ The EDDP PB agreed to wait for the September version of the CBA before the publication of the results.

9. Overall DAC initiative SPOCs

Jens ENGELMANN presented the proposal submitted by the FP5 to appoint single points of contact (SPOC) for FP5 and EDDP as “spokespersons” for better communication. The SPOCs should be experts closest to the area they were working on, should be informed and able to report on major areas, and aligned with the project managers (for details, please refer to the presentation).

Constanze BANNHOLZER added that the rationale behind this proposal was to have an integrated workflow and build coherence within the DAC initiative.

Matthias KNÜPLING discussed the role of the DAC4EU and SBB and necessity of their inclusion.

Johan AHMAN raised concerns that with such new roles an additional layer would be created to a structure that was already complex.

Giorgio TRAVAINI proposed that the PM would work further on identification of issues in communication and synergies needed and they would propose next steps.

10. Important topics: Interface A

Constanze BANNHOLZER informed about the status of Interface A (for details, please refer to the presentation). The topic was under discussion for compatibility. The final decision was planned to be taken during the FP5 SteCo meeting on 9 June 2023. The information about the final decision would be shared with the JU and EDDP.

11. Sounding boards: indicative time plan 2023
Constanze BANNHOLZER presented the indicative planning for the sound board meetings in 2023 and early 2024.

Javier IBANEZ DE YRIGOYEN confirmed that the dates would be also communicated via the Cooperation Tool.

Johannes GRAEBER asked if the distribution list also included the DAC4EU Members and SBB. It was confirmed that the interested parties must register themselves to be invited to the meeting.

**SYSTEM PILLAR**

12. **General Status**

Frédéric HENON updated the EDDP PB on the activities in the SP *(for details please refer to the presentation)*. He informed about the workshop to be organised for WP3.3 and asked the EDDP Members to nominate operational experts and inform Roberto TIONE.

➔ The JU will send an invitation to the EDDP PB members after the meeting requesting to nominate persons for the workshop

13. **AOB and closing.**

Christoph KLOSE informed the EDDP PB about the change of representative of SIEMENS to the PB. Joachim TIEDEMAN would take over his role starting from the next meeting. He thanked the EDDP Members for a good cooperation over the years and expressed his gratitude for being a part of the DAC project.

On behalf of the PB, Giorgio TRAVAINI thanked Christoph KLOSE for his work and engagement in the DAC programme.