



Advanced **C**haracterization of
Technical components for
New Power-to-**X** Technologies

Steering Committee Meeting Minutes

M6, Online, August 26th 2025

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Coordinator	DTI (shd@dti.dk)
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Introduction

The Steering Committee (SC) meeting invitation and agenda were sent out to all partners on July 8th 2025. The meeting was held on the 26th of August 2025 online and there were 10 participants (see registry of attendance below).

The main purpose of the meeting is to approve the DMP and RMP, the first two deliverables in ACTNXT, due in M6.

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1 Formalities

1.1 Introduction round of participants

Register of attendance at the online meeting:

Partner	Participant	Email
DTI (DK)	Sonja Holm-Dahlin	shd@dti.dk
	Jonas Okkels Birk	jobo@dti.dk
	Bianca Maria Barozzi	bmb@dti.dk
	Nikolaj Zangenberg	nzg@teknologisk.dk
ESRF (FR)	Jakub Drnec	jakub.drnec@esrf.fr
ILL (FR)	Anne-Mathilde Thierry	amthierry@ill.fr
PSI (CH)	Markus Strobl	markus.strobl@psi.ch
CERIC-ERIC	Heinz Amenitsch	heinz.amenitsch@elettra.eu
CEA (FR)	Sebastien Hentz	sebastien.hentz@cea.fr
JM (UK)	Paul Collier	paul.collier@matthey.com

1.2 Purpose of the Steering Committee:

SC members were informed at the meeting of the purpose of having a Steering Committee. According to the ACTNXT Grant Agreement, the SC will have the final word in the management of the consortium and address issues such as deviations from the project plan, ethical dilemmas and IP conflicts. It will serve as a consultation body for project coordination. On top of this, according to the Quality Control Protocol (QCP, ref. Section 3) all WP1 project management deliverables need to be approved by the SC.

As ACTNXT project recently started, there are no ethical nor IP issues to be discussed, but the first WP1 deliverables due in M6, namely the D1.2 and D1.3 (Data Management Plan and Risk Management Plan) are the main discussion points of this SC meeting. Project Coordination team will also share all recent updates on the project (ref. Section 2).

1.3 Appointing a chairperson for the meeting:

Bianca Maria Barozzi was chosen unanimously.

1.4 Appointing a meeting minutes secretary:

Bianca Maria Barozzi was chosen unanimously.

1.5 Approving the meeting invitation and agenda

The invitation to the meeting was sent two months prior to the meeting, and the final agenda has been approved by all meeting participants. The two deliverables (D1.2 and D1.3) to be approved by the Steering Committee were sent via email to all meeting participants together with the agenda.

2 Updates from project management

2.1 Status on Consortium Agreement

The Consortium Agreement has been signed by all Partners on the 6th of August 2025. Even though the signature process started in December 2024, the Swiss Partners signatures were delayed, as they are awaiting the final commitment from the Swiss funding body, which took longer than expected because of political debates in Switzerland. Despite the delay in signing the CA, the official Project start date is 1st of March 2025 and all activities that started already will be paid retrospectively.

Participants asked for clarification on the official date the CA was signed and an email from DTI legal department on 6th of August, confirming indeed that was the day the CA was signed by all Partners, has been forwarded to the Steering Committee members. There were also questions about the pre-financing and the Project Coordinator confirmed that the payments were made in June (ref. point 2.2) and work in ACTNXT has started.

2.2 First instalment of the pre-financing

An early release of the Pre-financing has been approved by DTI CEO despite not having the final signatures of the CA. The first instalment of the pre-financing has thus been sent out to all EU partners on June 19th 2025. Martin Wentzel Olsen (mwo@dti.dk) handles the ACTNXT finances throughout the duration of the project.

2.3 Delays of three technical deliverables

As a consequence of the delay in the CA signatures, three technical deliverables due in M6 are delayed till M9, namely the Survey of users and technologies for PtX components led by ILL, the High-throughput use cases led by TNO and the Requirements for energy and chemistry technology led by PSI. The SC meeting minutes, D1.1, was due at M4, but delayed until M6, following the postponement of the 1st SC meeting from M3 to M6.

Below is an overview of deliverables and milestones at M6. Besides the aforementioned delays, the DMP, RMP and DCP1 are on track and will be submitted on time at M6, together with the SC meeting minutes. The milestones related to the Kick-off meeting, and the website were likewise achieved on time, namely by M1 and M5.

The SC meeting participants wonder whether these delays due to the delay with the CA signature will lead to a potential amendment and prolongment of the project duration. The ACTNXT Project Coordinator believes that as of now, work is progressing well, and no more delays are foreseen. If the situation changes, the right measures will be taken accordingly, and the SC will be consulted on the matter.

					2025	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
					Project month #	1	2	3	4	5	6	7	8	9	10
Abriv.	Description	Due month	WP	Lead	Means of verification to EU portal										
D1	SC meeting minutes	M1-M48	1	DTI							SC minutes				SC minutes
M1	Meetings	M1-M48	1	DTI	Kick-off Meeting					General Assembly			Online meeting		
M11	Website	5	7	DTI							Website publicly available				
D2	Data Management Plan	6	1	DTI											
D3	Risk Management Plan	6	1	DTI											
M13	Survey of users and technologies for PtX components	6	2	ILL							Report	→			Report
D16	High-throughput use cases	6	4	TNO							Report	→			Report
D22	Requirements for energy- and chemistry technology	6	5	PSI							Report	→			Report
D29	Communication and dissemination plan 1	6	7	CEA							DCP1				

Figure 1: Overview of deliverables and milestones at M6

2.4 Industrial advisory board

Some partners already put forward candidates for the industrial advisory board, however a diverse representation of company sizes and nationalities is desired. Nikolaj Zangenberg, DTI member in the SC, suggested some relevant industrial contacts and encouraged the other SC members to reach out to their network as well. Poul Collier nominates Dr Andrew York for the Industrial Advisory Board. The board meetings will take place bi-annually, with the possibility to have some of the meetings in person and at the same time as the Consortium Meetings, as few SC members stressed the need and preference for in-person meetings to favor in-depth discussions. The list of candidates for the Advisory Board will be closed by the end of September.

Name	Contact info	Motivation	Contact within the consortium	Relevant to WP	Company size	Country
Bosh	*@*. *	Very involved in research of material under hydrogen exposure	Jonas (DTI)	3	LE	DE
Alfa Laval	Magnus Frederikson	Involved in collaboration between industry, synchrotrons and neutron sources. Works with PtX	Jonas (DTI)	2,3,4	LE	SE
Topsøe	Poul Gerg Moses Alfons Molenbroek	RnD heavy company, active in electrolyzer research	Jonas (DTI)	2,4	LE	DK
Toyota Motor Europe	stephane.cotte@toyota-europe.com	Senior researcher. Characterisation of PEMFC components	Arnaud (CEA)	2, 4		BE
Symbio	christophe.vacquier@symbio.one	Senior engineer. Characterisation of PEMFC components and water content	Arnaud (CEA)			FR
INOCEL	pierre-andre.jacques@inocel.com	Senior engineer. Characterisation of PEMFC components and water content	Arnaud (CEA)			FR
SafranPower Unit	marion.scohy@safrangroup.com	Engineer. Characterisation of PEMFC components and water content	Arnaud (CEA)			FR
Michelin	melaine.guillou@michelin.com	Senior engineer. AEMWE, components and gas/water flow	Arnaud (CEA)			FR
Pragma	ramzi.sellauti@pragma-industries.com	PEMFC component	Arnaud (CEA)			FR
Heraeus	michael.george@heraeus.com	Electrocatalyst structure	Arnaud (CEA)			DE

Figure 2: Industrial Advisory Board suggestions as of M6

3 Approval of Project Management deliverables, RMP and DMP

Project Management WP1 deliverables must be approved by the Steering according to what was set in the Quality Control Protocol (QCP). The Project Coordination team shared the QCP with the ACTNXT Consortium in connection with the GA (June23rd 2025). The QCP ensures that all deliverables pass the following checks: all deliverables (except for WP1) have to be approved by their responsible WP Leader and sent out for revision to Coordination team 1 month before the

due date. WP1 deliverables are prepared by Coordination team and approved by the Steering Committee.

The following comments and questions were presented by the SC.

RMP and DMP are of satisfactory quality, and the overall feedback is positive.

Risk register: small concern on risks 3 and 4 as they have a high-risk score of 15. After a discussion on why these technical risks related to the cost of instrumentation and the amount of allocated beam time obtained are indeed high scored risks and should be monitored closely.

Data Management Plan: formatting needs to be redone in few spots, as in the footnotes, as well as a thorough spelling check. There is a question on data openness and data sharing from the industrial partners, as some of their data that will be shared with the rest of the Consortium might be confidential, i.e. experimental data. The text in the DMP specifies that data will be as open as possible and therefore allowing for the protection of confidentiality any time as is necessary. Some deliverables containing data will be indeed kept as confidential and will not be shared outside of the consortium. A follow-up discussion point was raised: how do Partners decide which datasets are to be kept confidential and which can be public? That is a very interesting and good discussion point for the next consortium meetings. It is important to consider the RIs own data policies, industrial partners' willingness to share data and IP related to the project's results. Another point that was raised is about Post Docs who will need to publish their research carried out during the ACTNXT project. So, some data will be made public. All in all, participants agreed that the current version of the DMP is a good starting point and that it should be updated as the project progresses.

Appointment of Bianca Maria Barozzi as Risk Manager, responsible for updating the risk register after each Consortium meeting and keeping track of its changes.

4 Dates for the next ACTNXT meetings

4.1 Online consortium meeting

September 26th 2025, which will be an extraordinary General Assembly.

4.2 In person consortium meeting in Grenoble

March 11th and 12th 2026. The partners situated in Grenoble and DTI have agreed on the dates and an official calendar invitation will be sent out to all partners soon. The expected number of participants is up to 30 people and meeting rooms will be booked at CEA accordingly.

5 AOB, next steps

Quarterly Steering Committee meetings will be held online and will be scheduled shortly after this first meeting as recurrent meetings.