



STORAGE RESEARCH INFRASTRUCTURE ECO-SYSTEM

TERMS OF REFERENCE  
WORKING GROUP 3



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## 2 ABBREVIATIONS AND ACRONYMS

AB	Advisory Board
AC	Associated Countries
ES	Energy Storage
GB	Governing Board
LoI	Letter of Intent
LTP	Linked Third Party
MS	Member States
R&I	Research and Innovation
RI	Research Infrastructure
RTO	Research and Technology Operator
SC	Steering Committee
SRIA	Strategic Research and Innovation Agenda
TNA	Transnational Access
ToR	Terms of Reference
WG	Working Group
WP	Work Package

### 3 INTRODUCTION

StoRIES' main technological objectives are linked to the development of energy storage by providing access to world-class research infrastructures (RI) and services, with a focus on improving materials for devices and optimising hybrid energy systems to make energy technologies more competitive and reduce costs. In addition, StoRIES focuses on analysing socio-technical and environmental aspects of new developments and systems to promote education and training in these areas.

Within StoRIES, access to RI is organised in six transnational calls (TNA), each call having a specific subject and description. The selection and formulation of the specific call theme is the main task of WG2, which is the basis and starting point for each of the TNA calls. The experts gathered in WG3 analyse the results of the TNA, present the results to the other WGs and Work Packages when requested and make recommendations for the following topics of the TNA calls and for the procedures of the TNA. Compared to the timeline of the other WGs, WG3 starts its work when the first results of the TNA projects are available i.e., in 2023.

## 4 GOVERNANCE

### 4.1 Definition of Roles

The WG3 Chair is responsible for coordinating the work of the WG and ensuring that the work and activities of the WG3 are carried out within the framework of the actions set out in the work plan and in accordance with the defined terms of reference. The WG3 Chair leads WG3 meetings, invites WG3 Members to meetings (including invitations to external experts), collects feedback and input, coordinates and consolidates. The WG3 Chair prepares minutes after each meeting summarising relevant decisions and actions and distributes them to WG Members.

The Secretariat assists the WG3 Chair in carrying out the above activities as needed. The WG3 Chair ensures regular communication with the Secretariat and with other WGs as well as with other groups within StoRIES. In WG3 there is no provision for a Co-chair. All WG3 Members agree via signing the Letter of Intent (LoI, Annex 1) to prepare for active participation and contribute to WG3 meetings, discussions and outcome papers.

### 4.2 Working Group 3 chairmanship

WG Interim Chair will launch the call for the election of the permanent WG Chair. Only WG members who signed a LoI/LoS can be appointed as Chair.

Before transmitting to the GB the final recommendations on the WG composition, the list of applications will be examined by the Secretariat which reserves the right to modify the composition of each WG, based on StoRIES needs.

The WG Chair(s) and members of the WGs will be finally appointed by the GB with a majority vote. The Chair can change after two years or earlier in case of unforeseen stations (illness, change of organisation, etc.). In case the position of the Chair will become vacant, the Secretariat will reinitiate the process as described above.

## 5 COMPOSITION AND MEMBERSHIP

The composition of the WG3, the selection and admission criteria follow the [Chapter 3.4 of D1.1](#) [“Definition of governance for the WGs”](#).

As WG2 and WG3 cooperate in determining the topics for the TNA calls, the WG2 Chair should be an active member of WG3.



## 6 WG3 MEETINGS

Within two weeks of the completion (handover of documents) of one of the TNA calls, the Chair will summarise the documents and schedule a virtual meeting to discuss the results with WG3 members. The summary will be made available to WG3 Members at least two weeks before the meeting.

The participants invited and strongly expected to attend the WG meetings are: the WG Chair and all WG Members.

During the WG3 meeting:

- The outcome of the TNA call included in Post Research Questionnaires (draft included in D2.2 [“General rules for TA according to Access Policy”](#)) and the scientific results are analysed
- A recommendation for the following topic of the TNA call (WG2) is prepared
- The outcome to be presented to WG1 and WG4 is prepared
- The need for a possible virtual or physical WG3 follow-up meeting is discussed.

After the meeting:

- The Chair provides a summary of the meeting and distributes the outcome accordingly to the WGs
- If necessary, WG3 Chair organises a meeting with WG1, WG2 or WG4 to discuss the TNA projects' outcome
- The data management of the TNA project and the dissemination of the results will be determined in consultation with the data owners by the WG3 Chair

### 6.1 *Agenda and Minutes of the meetings*

The agenda of each meeting will be prepared by the WG3 Chair assisted by the Secretariat as needed two weeks before the meeting. The agenda will include relevant previous decisions, follow up actions from the previous meeting and important discussion points.

After each WG3 meeting, the minutes should be prepared by the WG3 Chair and circulated within two weeks-time. If no objections to the minutes are received ten days after the distribution of the minutes, then they will be considered as approved by all WG3 participants.

## 7 DATA MANAGEMENT AND FILE SHARING

The TNA data will be handled according to D6.2 "Data Management Plan".

All members of WG3 receive access to a StoRIES SharePoint folder dedicated to the work of WG3.



## 8 ANNEX I – WG3 MEMBERS

Family Name	First Name	Organization	Country	Specific Field
Barelli	Linda	UNIPG	IT	chemical ES
Baumann	Stefan	FZJ	DE	chemical ES
Besmehn	Astrid	FZJ	DE	cross-cutting
Blanco	Marcos	CIEMAT	ES	cross-cutting
Cavazzini	Giovanna	UNIPD	IT	mechanical ES
Di Noto	Vito	UNIPD	IT	electrochemical ES
Ding	Yulong	UNIBirmingham	UK	thermal & mechanical ES
Gallino	Isabella	UniSaarland	DE	Electrochemical ES
Garcia	Pierre	CEA	FR	thermal ES
Granados	Xavier	CSIC	ES	SMES
Heussen	Kai	DTU	DK	power and energy systems control and integration
Holtappels	Peter	DTU	DK	chemical ES
Krohn Aasgård	Ellen	SINTEF EN	NO	mechanical ES
Lager	Daniel	AIT	AT	thermal ES
Malek	Kourosh	FZJ	DE	AI
Navarro	Helena	UNIBirmingham	UK	thermal ES
Paillard	Elie	PLIMI	IT	electrochemical ES
Rodriguez	Margarita	CIEMAT	ES	thermal ES
Schnürch	Michael	TU Wien	AT	thermal ES
Scipioni	Roberto	SINTEF AS	NO	electrochemical ES
Stevens	Philippe	EDF	FR	electrochem, chem, thermal
Wimmer	Yannick	AIT	AT	WG2 Chair
Remco	Groenenberg	TNO	NL	Medium to long duration ES
Joris	Koornneef	TNO	NL	Medium to long duration ES
Rafael	Dr. Mayo- García	CIEMAT	ES	evaluation of the research infrastructure

WG3 Chair: Olga Sumińska-Ebersoldt, KIT

As of September 2022



## 9 ANNEX II – LETTER OF INTENT (TEMPLATE)

[city], [Day] [Month] [Year]

### Letter of support for H2020 STORIES project

**Subject: Interest of becoming a member of the *Working Groups 2-3* in the STORIES project**

**H2020: LC-GD-9-1-2020:** European Research Infrastructures capacities and services to address European Green Deal challenges // Topic: Support Europe leadership in clean energy storage technologies

Dear STORIES consortium,

**Mr.XXXXXXX** hereby expresses **her/his** active support to the project '**STORIES-Storage Research Infrastructure Ecosystem**' led by Karlsruhe Institute of Technology (KIT) under the H2020 Green Deal Call.

In December 2019, the European Commission has presented the “European Green Deal”, a set of policy initiatives aiming at ensuring the EU becomes climate neutral by 2050. These policy initiatives have strong implications for the energy sector, and for the energy storage sector in particular. To address these challenges, STORIES brings together a consortium of more than 30 beneficiaries from at least 15 countries: ESFRI facilities, technology institutes, universities and industrial partners to jointly improve the economic performance of storage technologies.

The main technological objectives of STORIES are linked to the energy storage development by providing access to world-class research infrastructures and services, with a focus on improving materials for devices and optimizing hybrid energy systems with a view to make energy technologies more competitive and reducing costs. In addition, STORIES focus on the analysis of socio-technical and environmental aspects of new developments and systems and provides training and education.

The project will bring a significant contribution towards Europe’s independence on fossil fuels, while opening industrial opportunities for disruptive technologies. The foreseen acceleration of materials developments and enhancing of hybrid storage technologies will lead to cost reduction of energy storage devices. Users will perform research to foster innovation in the long lasting structures of the European Energy Research Alliance (EERA) and the industry lead European Association for Storage of Energy (EASE). This supports strongly the entire energy value chain and is a necessity to solidify the European leadership in renewable energy technologies.

With reference to this project, **Mr. xxxxxxx** as energy storage expert in the field **---energy storage**, will participate as a member of the project’s **Working Group 1** and contribute to the Roadmap for hybridisation of energy storage as well as the Strategic Research and Innovation Agenda (SRIA) within the STORIES project.

Yours sincerely,

**Signature**

**Name, position and organisation**

