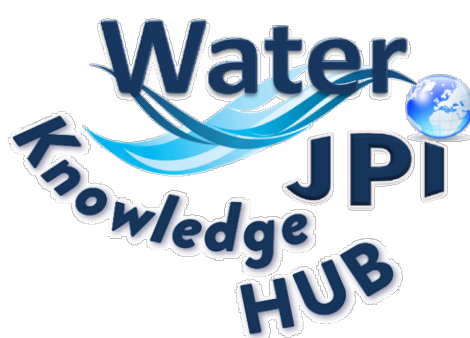




**IC4WATER in Support of the Water JPI
Coordination and Support Action**



Water JPI IC4WATER Knowledge Hub Workshop #1

3 December 2019

Lisbon, Portugal

(WP4)

December 2019



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Disclaimer

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List of Abbreviations

CSA: Coordination and Support Action

JPI: Joint Programming Initiative

KH: Knowledge Hub

IC4WATER CSA: IC4WATER Coordination and Support Action

IC4WATERKH: International Cooperation for Water Knowledge Hub

KHCEC: Knowledge Hub on Contaminants of Emerging Concern

SRIA: Strategic Research and Innovation Agenda

UN SDGs: United Nations Sustainable Development Goals

Water JPI: Joint Programming Initiative on Water

WATER4SDGs KH: Knowledge Hub on Water Related SDGs

List of WP partners:

Participant number	Acronym	Participant organization name	Country
9	FORMAS (WP Leader)	FORSKNINGSRÅDET FÖR MILJÖ, AREELLA NÄRINGAR OCH SAMHÄLLSBYGGANDE	Sweden
1	ANR	AGENCE NATIONALE DE LA RECHERCHE	France
3	EPA	ENVIRONMENTAL PROTECTION AGENCY OF IRELAND	Ireland
4	FCT	FUNDACAO PARA A CIENCIA E A TECNOLOGIA	Portugal
5	AKA	SUOMEN AKATEMIA	Finland
6	RCN	NORGES FORSKNINGSRAD	Norway
8	RPF	IDRYMA PROOTHISIS EREVNAS	Cyprus
10	UEFISCDI	Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii	Romania
11	I&M	MINISTERIE VAN INFRASTRUCTUUR EN WATERSTAAT	Netherlands
12	UKRI	UNITED KINGDOM RESEARCH AND INNOVATION	United Kingdom
13	NARD	AGENTIA NATIONALA PENTRU CERCETARE SI DEZVOLTARE	Moldova
14	ISPRA	ISTITUTO SUPERIORE PER LA PROTEZIONE E LA RICERCA AMBIENTALE	Italy
18	WssTP	EUROPEAN WATER SUPPLY AND SANITATION TECHNOLOGY PLATFORM	Belgium
19	MoE-EE	KESKKONNAMINISTEERIUM	Estonia
20	AEI	AGENCIA ESTATAL DE INVESTIGACION	Spain

Executive Summary

This report contains the proceedings of the Water Joint Programming Initiative (Water JPI) **first Workshop for the IC4WATER Knowledge Hub (IC4WATERKH)**. The development of a Knowledge Hub (KH) is one of the tasks of the **IC4WATER** Coordination and Support Action (**IC4WATER** CSA).

The aim of the Water JPI Knowledge Hub is to build a network for **selected research groups and which is targeted at stakeholders**. The network will, **within a specific research area**, establish a critical mass of research and technological excellence, integration and sharing of knowledge, infrastructures, data and modelling tools, training and capacity building, in addition to improving communication and networking with stakeholders and the scientific community.

The workshop took place in Lisbon on December 3, 2019 with 26 attendees (**Annex 1**), mainly made up of the existing IC4WATERKH Seed Group, and some members of the Steering Committee and funding partners of the Water JPI. The aim of the workshop was to launch the second Water JPI Knowledge Hub (KH) implemented under the Coordination and Support Action (CSA) **IC4WATER** .

The first part of workshop was devoted to setting the scene for the Seed Group for them to get accustomed to structure and objectives of the KH. The event began by Dominique Darmendrail's (ANR) presentation that is providing the rationale behind developing Water JPI's second KH on international cooperation on water. This was followed by a key note speech presented by Rabi Mohtar (Beirut American University) to reflect upon the global research gaps and challenges under the theme of "New Water under Water Scarcity", which is the overarching theme of the KH as decided by the Water JPI Governing Board previously (May 2019, Berlin). Before the moderation of breakout sessions, Norbert Kreuzinger (TU Viena), Scientific Coordinator in the Water JPI's pilot Knowledge Hub on Contaminants of Emerging Concern (KHCEC), shared his experiences derived from the pilot KH.

The latter part of workshop was conducted as consecutive break-out sessions to gather opinions of Seed Group on important matters. By the end of the workshop the participants had gathered a pool of exciting ideas, which will be evaluated in early 2020 to set the thematic scope and future activities of the KH. It was agreed that the first output by the Seed Group should be a policy brief that is supplemented by scientific facts and deliver clear-cut policy recommendations addressing international cooperation challenges associated with achieving SDGs related to water. Roberto Deidda (University of Cagliari) is chosen as the Scientific Coordinator of the KH and he will be assisted by Kevin McGuigan (Royal College of Surgeons in Ireland) in this task. Finally, the attendees concurred on the acronym "WATER4SDGs", which reflects the SDGs oriented approach of the second Water JPI Knowledge Hub.

1. Introduction

1.1. Water Joint Programming Initiative

The Water Joint Programming Initiative, Water JPI (www.waterjpi.eu), entitled “**Water Challenges for a Changing World**”, was launched in 2010 and was later formally approved by the European Council in December 2011. As of March 2019, the Water JPI membership included a total of 23 member countries and three observer countries, which collectively represent 88% of European public research, development and innovation investment in water resources. The Water JPI is dedicated to tackling the ambitious grand challenge of achieving “*sustainable water systems for a sustainable economy in Europe and abroad*”.

As a result of coordination activities, Water JPI member countries have approved as of June 2016, a second version of the common Strategic Research and Innovation Agenda ([SRIA](#)) that lays down RDI priorities for the following 5 scientific themes:

1. Maintaining Ecosystem Sustainability;
2. Developing Safe Water Systems for the Citizens;
3. Promoting Competitiveness in the Water Industry;
4. Implementing a Water-Wise Bio-Based Economy; and,
5. Closing the Water Cycle Gap.

1.2. Coordination and Support Action for Developing International Cooperation

On the 17th January 2017, the Water JPI launched the Coordination and Support Action **IC4WATER** (**IC4WATER** CSA) dedicated to the development of international cooperation in the Water area.

IC4WATER plans to elaborate new principles of international transnational research and innovation cooperation through concrete joint programming actions. It will in particular focus on the theme of UN Sustainable Development Goals ([UN SDGs](#)) related to water challenges. Within the new post-2015 development agenda, the place of water-related issues has been further strengthened. Indeed, water is at stake not only in Goal 6 to “Ensure availability and sustainable management of water and sanitation for all”, divided into seven specific targets, but in almost all of the 17 SDGs.

Among the primary objectives of the **IC4WATER** CSA is to develop a more efficient knowledge transfer through the launch of a dedicated knowledge hub. This target will be realized under the Work Package 4 of **IC4WATER** CSA.

On the road to launching the IC4WATERKH during Lisbon Workshop, there were several milestones achieved to set the framework conditions. At the **IC4WATER Knowledge Hub Workshop on International Collaboration held on February 7, 2019 in Paris**, three different overarching topics were suggested as options for defining the scope of the second Water JPI Knowledge Hub as follows:



**Water JPI Topics for the Knowledge Hub on the UN SDGs:
from overarching topics to specific challenges**

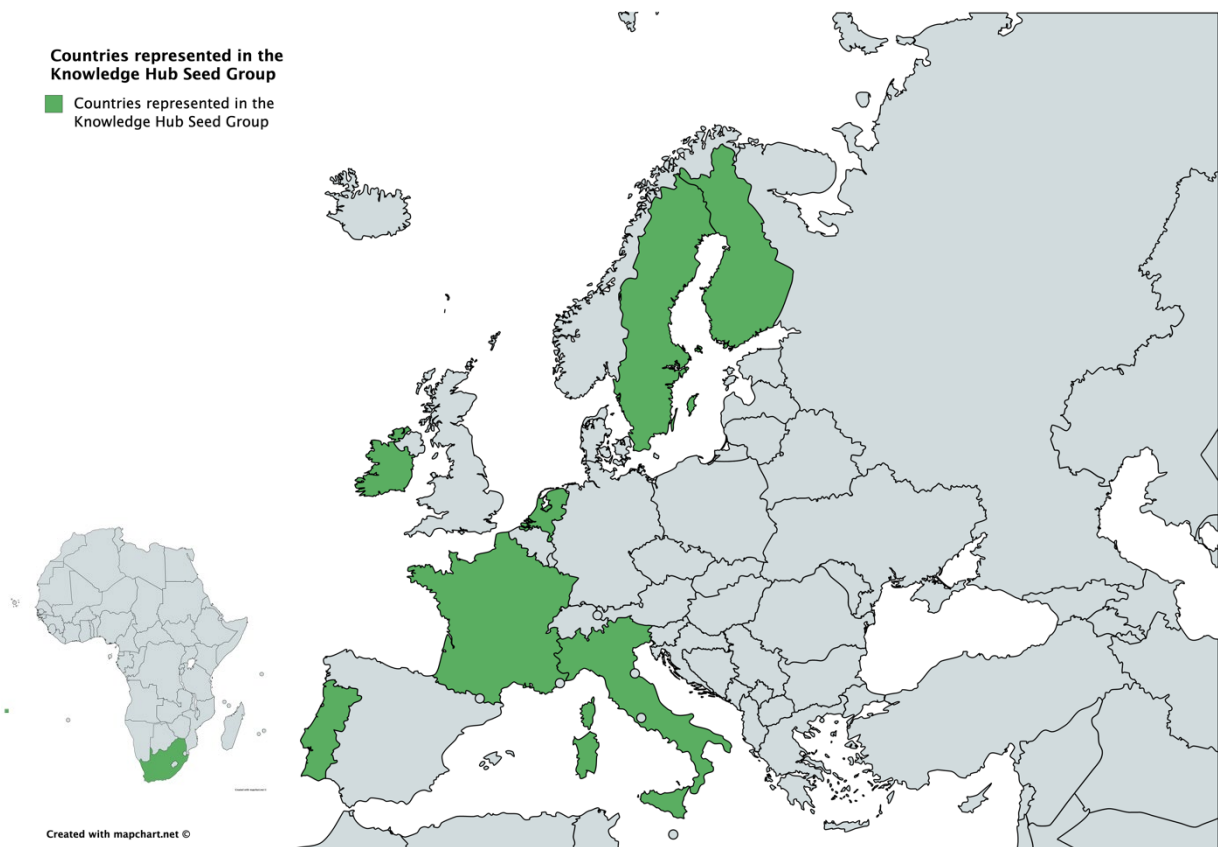
- **Overarching Topic #1:** New water under water scarcity: new sources, treatment, recycling, reuse, water-health-food-energy nexus;
- **Overarching Topic #2:** Water demand, water management, and water efficiency: infrastructures and social awareness;
- **Overarching Topic #3:** Water diplomacy: water crisis and water economy (climate change, population growth, migrations);
- **Crosscutting Topics:** smart data acquisition, data management, big data and artificial intelligence; water governance.

These topics were presented to the **Water JPI Governing Board Meeting on May 23, 2019 in Berlin**. The Governing Board members decided that the IC4WaterKH should target the **Overarching Topic #1 related to “New water under water scarcity”** keeping in perspective the overarching topics. This topic, as mentioned by the JPI Governing Board, will support the implementation of the UN SDG n°6 “Clean Water and Sanitation”, one of the policy objectives of the Water JPI.

Once the overarching topic was approved by the Governing Board, interested Water JPI members indicated their will to support development and implementation of KH activities in summer 2019. Constituting the Steering Committee of the KH, these Water JPI partners nominated their national experts who composes the Seed Group of the KH.

Table 1 The List of Seed Group Members

Country	Organization	Seed Group Member
Finland	SYKE	Kati Vierikko
France	IRSTEA	Séverine Tomas
France	CNR	Corinne Cassier-Chauvat
Ireland	Trinity College Dublin	Jeremy Jay Piggott
Ireland	RCSI	Kevin G. McGuigan
Italy	University of Cagliari	Roberto Deidda
Italy	CNR	Antonio Lo Porto
Italy	WARREDOC	Fernando Nardi
Netherlands	Wageningen University	Koen Wetser
Netherlands	Wageningen University	Huub Rijnaarts
Portugal	LNEC	Rita Amaral
Portugal	University of Porto	Rita Lado
South Africa	WRC	Nonhlanhla Kalebaila
South Africa	WRC	John Dini
Sweden	LUT	Lena Goldkuhl



Map 1 Country distribution in the Knowledge Hub Seed Group

Both Steering Committee and Seed Group members were invited to the Lisbon Workshop to launch the KH activities officially. Two online preparatory webinars were held on 26th and 27th of November 2019 under the supervision of the Knowledge Hub's Steering Committee Chair, Rui Munha (FCT) prior to the Lisbon Workshop in order to ease the process of engagement for the Seed Group members who confirmed their attendance for the workshop.

2. Methodology

The 2019 Water JPI Knowledge Hub Workshop was hosted by FCT, Portugal (Steering Committee Chair) and with the support of FORMAS, Sweden (Facilitator), the **IC4WATER** CSA partners, and the Water JPI Coordination and Secretariat. The objectives of workshop and the outline of programme are presented in the following paragraphs.

2.1 Workshop Aims and Objectives

The objectives of workshop included (a) narrowing down the thematic scope of the KH, (b) describing the type of activities and outputs to achieve in two years, (c) selecting the scientific coordinator of the KH, and (d) choosing an acronym for the KH.

2.2 Workshop Attendees

The workshop brought together 26 attendees in total, made up of the IC4WATERKH Seed Group, members of the KH Steering Committee (funding partners) along with one invited key note speaker and the Scientific Coordinator of the KH on Contaminants of Emerging Concern. Twelve out of fourteen members of the Seed Group from 8 countries participated. The full list of participants is provided in **Annex 1**.



Photo 1 Picture of Lisbon Workshop Participants

2.3 Workshop Programme

The programme was designed to provide insight into the structure of IC4WATERKH and to stimulate open discussions among the participants. After Rui Munha's (FCT) welcome address as the host and moderator of the workshop, Dominique Darmendrail (ANR, Water JPI and **IC4Water** Coordinator) and Osman Tikansak (FORMAS, WP Leader) made descriptive presentations to explain the rationale behind the KH and structure of this network.

Before moving to consecutive break-out sessions, which constituted the major part of the program, the workshop continued with a key note speech presented by Rabi Mohtar (Beirut American University) to reflect upon the global research gaps and challenges under the theme of "New Water under Water Scarcity". Mohtar's presentation was followed by an evaluative presentation from Norbert Kreuzinger (Technical University Vienna) as the Scientific Coordinator of the Water JPI's pilot Knowledge Hub on Contaminants of Emerging Concern (KHCEC) to share his recommendations.

The detailed programme is provided in **Annex 2**.

3. Keynote Speech: New water under water scarcity – Research needs and challenges

Rabi Mohtar provided a keynote speech with the title "**Green Water and New Water for Agriculture**". While signifying the irreplaceable, yet mostly underrated contribution of green water as being responsible for 60% the global food production from rain-fed areas, Mohtar also pointed out how important it is to keep soil in good condition for ensuring water and food security. Although

nonconventional water sources, such as greywater or treated wastewater can be reliable assets to overcome water shortages in the face of competing demands, the long term impact of these nonconventional sources both on soil and crops should be assessed carefully. It should be noted that soil does have a dynamic behaviour and evolves with time and management and it is highly responsive to agricultural farming and management practices. Last but not least, in order to ascribe a role to the KH from an expert perspective, Mohtar underlined the importance of identifying research gaps, challenges and needs with a multidisciplinary approach as a priority for the Knowledge Hub.

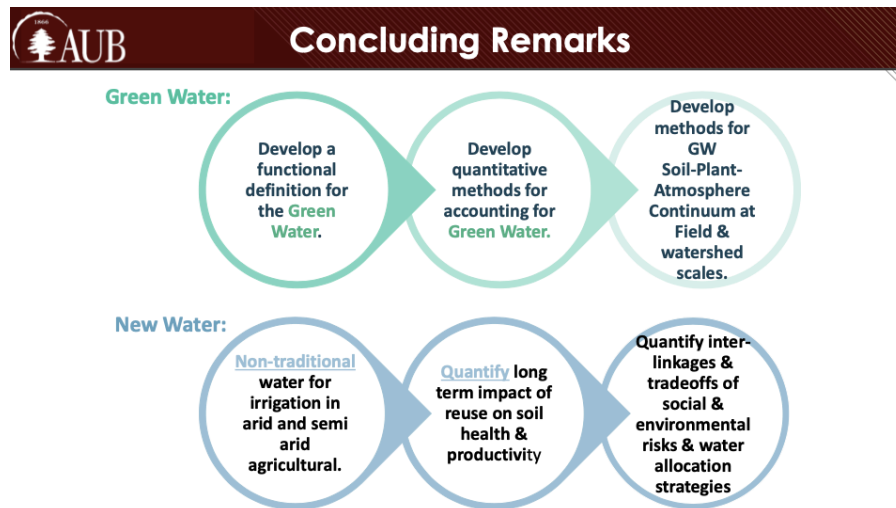


Figure 1 Concluding Remarks from Rabi Mohtar's Key Note Presentation

4. Challenges of Knowledge Hubs: Recommendations from KHCEC

Norbert Kreuzinger shared his insightful recommendations, which are lessons derived in last two years from the Water JPI’s pilot Knowledge Hub on Contaminants of Emerging Concern (KHCEC). Following are the featured recommendations and messages from Kreuzinger’s presentation:

- Two years is not a long period to fully operate a KH and address complex issues effectively. So, it is better to start working on outputs at earlier stages without losing time.
- It is also important not to spend too much time for finalizing an implementation plan, which should not be considered as an output per se, but as a living document that evolves in time. **IC4WATER** KH can basically built upon the available implementation plan of the KHCEC, instead of building a new one from scratch.
- Two of the crucial questions to be addressed at earlier stages are “How to communicate and who to communicate?”. Bearing in my mind that KH is not a scientific platform for carrying out new research studies in conventional sense, but is rather a platform for translating and disseminating tailor made messages derived from scientific outcomes to a wider community in an impactful way, it is essential to know the audience. A communication strategy can be a useful tool to achieve this. Again, **IC4WATER** KH can basically build upon its communication strategy over what is made available by the KHCEC.
- In relation to this, do not bother communicating the very last piece and detail of information. Again, it is not a scientific project consortium and KH should not speak to echo-chambers of scientific community. The wider public is not interested in the scientific jargon and they are

not capable of understanding it. Awareness raising can be targeted as a priority. Implement a bottom up approach by identifying the most pressing issues in the countries that Seed Group members represent. Then start working on different kinds of outputs and messages for different groups.

- The largest target group is general public and communicating this group requires a certain level of emotional approach. Clear messages that are easy to communicate and able to establish empathetic interpretation of research outcomes can be useful. For instance, public and environmental health topics can provide pathways to establish such emotional bonds.
- Less is more; do not be too ambitious for delivering too many outputs, so choose and focus on the right outputs and communication tools only. Do not underestimate the impact of images, illustrations and infographics as means of communicating the messages.



Final words

- A lot of experience gathered within the first 18 month
- Time can be saved by building up on that experience
- Seed group has central multiplier role
 - Bottom up: stakeholder needs in participating countries
 - Top down: distribution of output
 - Knowledge on stakeholder structure / organisation in countries
- Would be happy to share more insight to SC of the new hub

Kreuzinger - Dec 3rd, Lisboa
Water JPI Knowledge Hub on Water related UN SDGs/IC4Water
www.waterjpi.eu



Figure 2 Final Remarks from Norbert Kreuzinger's Presentation

5. The Break-out Sessions: Seed Group Discussions

Following the key note speech and revisiting the lessons learned from the KHCEC, Rui Munha (FC) facilitated the consecutive break-out sessions in order to;

- (a) Narrowing down the thematic scope of the KH,
- (b) Describing the type of activities and outputs to achieve in next two years,
- (c) Selecting the Scientific Coordinator of the KH, and
- (d) Choosing the acronym and name for the KH.

(a) Narrowing down the thematic scope of the KH:

The overarching topic “New Water under Water Scarcity” as decided by the Water JPI Governing Board in May 2019 has the potential to comprise many disciplinary interests including reuse, recycle, wastewater treatment, data management, governance, circular economy and nexus approaches. However, considering the vast nature of this grand topic, reaching a consensus over an inclusive and focused scope that comprehends the collective excellence of the Seed Group is a challenging task.



Water JPI Topics for the Knowledge Hub on the UN SDGs: from overarching topics to specific challenges

- **Overarching Topic #1:** New water under water scarcity: new sources, treatment, recycling, reuse, water-health-food-energy nexus;
- **Related Themes:** smart data acquisition, data management, big data and artificial intelligence; water governance;
- **Keywords:** extreme events (floods and droughts); health-food-water nexus; circular economy.

Figure 3 The Overarching Topic of the Knowledge Hub, Decided by Water JPI Governing Board

By taking this framework as a starting point for narrowing down the topic, attendees brought forward their perspective to concur on a common thematic ground. During the discussions “**making the best out of available water**” was referred several times as a statement being highly correlative to the “New Water under Water Scarcity” topic. Likewise, the need for addressing **governance, regulations and cost related challenges** were stressed clearly, since technological solutions may fall short of making real impact in most of the cases, unless they are supplemented by measures of good governance. Thus, regardless of the KH topic, identifying legislative pathways that can lead to expansion of scientific solutions can be a useful exercise for the KH. On the other hand, **water quality and treatment issues were favoured less** by the attendees, due to the fact that these issues fall into the interest area of the KHCEC.

The pivotal **role of water in ensuring heathy lives for humans and ecosystems in the context of SDGs** was another issue underscored by different attendees. The correlation between health and water was mentioned particularly by Rabi Mohtar, when he was invited to wrap-up the workshop from an expert perspective at the end of the day. According to Rabi’s system perspective towards WEF nexus, each component of the nexus is a resource to be managed. Only by doing interventions to this system, it becomes possible to make an impact on the outcome. Mohtar then suggested the catchy “**One Health**” concept, which refers to the connection between heathy ecosystems and healthy societies, while being highly relatable to the SDGs. In this context, Rabi refers to **health not as a burden or challenge, but rather as a source just like water, which requires proper management practices**. Considering this, proper management of resources in WEF nexus approach should not undermine, but create healthy ecosystems and human communities. Only then the “**One Health**” concept can be **possible as a desirable outcome**. In order to achieve this, **the system approach should effectively communicate with its audience composing of policy makers, private sector and civil society**.

At some point during the break-out session, Maria Arnal, FAO Water Division representative shared remotely information about the department’s recent activities that may be of relevance for the KH. As conveyed, an [international symposium](#) on the use of non-conventional waters with regards to achieving food security was convened recently by FAO. The focus of the symposium was on desalination, forecast harvesting and use of nonconventional water in agriculture. Another recent FAO

activity titled “[One Water, One Health Initiative](#)” was remarked, which may have interesting consequences and follow-up activities for the KH.

The discussions over narrowing down the thematic scope did not fully serve to its intended purpose of reaching an agreement on a specific scope, mainly because of time limitations. In general, the exchange of ideas revolved around several themes though, including **rural-urban division in water management, unconventional water use, including related data management, modelling and social innovative approaches.**

(b) Describing the type of activities and outputs to achieve in the next two years

In the morning session, the long list of expected outputs (as they are put down on the draft Terms of Reference) were presented to the participants. As cautioned by Norbert Kreuzinger, the KH should prioritize quality over quantity when producing outputs and benefit from the experiences of the KHCEC when possible. Bearing in mind this advice, it was agreed that **the Seed Group should start working on a policy brief as its first output**, as it was achieved in the KHCEC.

Then for the next steps, **the Seed Group will be consulted via an online survey after the workshop in order to make a prioritization among different output types for the next two years.**

While elaborating on the type of outputs the issue of whether or not the KH should have a function of **developing indicators and disseminating good practices** was raised. It was suggested that this sort of dissemination activities can help increasing public’s understanding of smart solutions. Similarly, whether or not the KH should engage in **a knowledge gap analysis exercise** was also examined, but it was reminded that the Water JPI already does this kind of activities in consultation with a large group of stakeholders when updating the SRIA document. Thus, there is no need for KH to repeat the same exercise.

Another issue that attracted attention was about **how to associate the KH outputs/activities with the SDGs considering the Water JPI activities in this area.** The overall perspective is that the SDGs should be considered as the signifiers for the KH at policy level. Thus SDGs will be an umbrella concept that is to be referred flexibly in the outputs and messages, where appropriate. The attendees who reflected upon SDGs connection of the KH approached the issue from different point of views. It was widely accepted that **the key topics for water related SDGs are associated with access to water and utilizing affordable technologies to achieve that.**

(c) Selecting the scientific coordinator of the KH

At later stages of the workshop, the Seed Group members were asked to volunteer for the Scientific Coordinator position of the KH. The role of the Knowledge Hub Scientific Coordinator is to ensure the scientific coordination and lead the work in developing the proposed Knowledge Hub outputs. Two Seed Group experts responded to call for volunteering this role, namely Roberto Deidda (University of Cagliari) and Kevin McGuigan (Royal College of Surgeons in Ireland). Eventually, Roberto Deidda was chosen as the Scientific Coordinator and Kevin McGuigan proposed to support him in this role.



(d) Choosing the acronym for the IC4Water KH

The final activity of the workshop was to decide upon a proper acronym for the KH that can fully reflect its purpose. Despite the lack of clarification on a narrowed down thematic topic, the consensus over the SDGs oriented approach of the KH lead to an agreement on the acronym **WATER4SDGs Knowledge Hub**. It was underlined that this acronym ascribes a role to the Knowledge Hub in revealing the pivotal contribution of water in achieving SDGs all together.

6. Closure of the Meeting

Rui Munha, the Chair of Steering Committee and host, closed the meeting wrapping-up discussions and outcomes of the workshop. He informed participants that the Seed Group will be communicated shortly after the workshop in order to get their feedback on the workshop and roadmap ahead. He thanked participants for their efforts and listed the next steps to be taken in short term as follows:

- Finalise narrowing down the topic, via a questionnaire
- Finalise the type of outputs for next two years,
- Nominate and invite new international partners to the Knowledge Hub, both from international institutions and partnering countries (cf. topic questionnaire)
- Decide upon time and place of the second workshop via a doodle pool,
- Draft and present the implementation plan to the Seed Group

Annex 1. List of Workshop Attendees

Participant name	Participant affiliation	Role
Rita Amaral	LNEC	Seed Group
Maria Arnal	FAO (per WebEx)	Invitee
Alessandra Casali	ISPRA	Water JPI member
Corinne Cassier-Chauvat	CNRS	Seed Group
Simon Coulet	ANR	Water JPI member
Dominique Darmendrail	ANR	Water JPI member
Roberto Deidda	University of Cagliari	Seed Group
John Dini	WRC	Seed Group
Lena Goldkuhl	LUT	Seed Group
Maurice Heral	ANR	Water JPI member
Norbert Kreuzinger	TU Wien	Invitee
Rita Lado	University of Porto	Seed Group
Kristina Laurell	Formas	Water JPI member
Antonio Lo Porto	CNR	Invitee
Kevin G. McGuigan	RCSI	Seed Group
Rabi H. Mohtar	AUB	Invitee
Rui Munha	FCT	Water JPI member
Fernando Nardi	WARREDOC	Seed Group
Germana Santos	FCT	Water JPI member
Lisa Sheils	EPA	Water JPI member
Maria Chiara Sole	ISPRA	Water JPI member
Richard Tavares	ANR	Water JPI member
Osman Tikansak	FORMAS	Water JPI member
Severine Tomas	IRSTEA	Seed Group
Kata-Riina Vaalosari	AKA	Water JPI member
Kati Vierikko	SYKE	Seed Group
Alice Wemaere	EPA	Water JPI member
Koen Wetser	Wageningen University	Seed Group
Apologies		
Nonhlanhla Kalebaila	WRC	Seed Group
Jeremy Jay Piggott	Trinity College Dublin	Seed Group
Huub Rijnaarts	Wageningen University	Seed Group

Annex 2. Programme

Water JPI Workshop-Knowledge Hub on Water related UN SDGs/IC4Water

Venue : Lisboa, Portugal
FCT premises, Av. D. Carlos I, 126, 1249-074 Lisboa

Date: 3 December 2019 – Back to Back with Workshop “Future Cooperation in Research and Innovation with countries beyond Europe” (4 December 2019)

8.30 - 9.00	Welcome Coffee and Registration	
9.00 – 9.30	Welcome & Aim of the Meeting: The Knowledge Hub, the Water JPI Strategic Goals and Global Water Challenges Supporting document: Note to participants	Host and Water JPI Coordinator
9.30 – 10.00	Tour de table: Knowledge Hub Experts & Steering Committee Supporting document: Seed Group Experts	ALL
10.00 – 10.20	<i>New water under water scarcity: new sources, treatment, recycling, reuse, water-health-food-energy nexus – Research needs and challenges</i>	Key note speaker – Rabi Mohtar, Texas A&M University
10.20 – 10.50	Seed Group Discussion I: Breaking the Ice. Overall perspectives	Knowledge Hub Experts
10.50 – 11.20	Coffee break	
11.20-11.40	Building the Water JPI Knowledge Hub on UN SDGs/IC4Water Supporting document: Revised Terms of Reference	FCT / FORMAS
11.40 – 12.00	Challenges of Knowledge Hubs: recommendations from KHCEC	Norbert Kreuzinger, Scientific Chair of KHCEC
12.00 – 12.30	Seed Group Discussion II: The proposed topic. Narrowing the scope. Setting a problem-solving approach to the KH.	Knowledge Hub Experts
12.30 – 14.00	Lunch Break	
14.00 – 16.00	Seed Group Discussion III: <ul style="list-style-type: none"> • The Plan of Activities: a two-year work plan. • Stakeholders and International participation in the KH. • Leadership and Coordination: first thoughts. • The Administrative and Facilitation needs. 	Chaired by Steering Committee members Knowledge Hub Experts
16.00 – 16.30	Coffee break	
16.30 – 17.00	Seed Group Discussion IV: Break-Out session recap. Anticipating decisions.	Chaired by Steering Committee members Knowledge Hub Experts
17.00 – 17.20	Selection of the KH UNSDGS/IC4Water Scientific Coordinator and KH name / acronym	Knowledge Hub Experts
17.20 – 17.30	Recap of decision and follow-up actions (including dates for future meetings)	FCT
17.30	Closure of the workshop TBC: <i>followed by networking event</i>	FCT