



Project¹ Number: [700092]

Project Acronym: [BIG HIT]

Project title: [Building Innovative Green Hydrogen systems in an Isolated Territory: a pilot for Europe]

BIG H₂IT & H₂TP

Building Innovative Green Hydrogen
Systems in Isolated Territories

Work Package 6

Dissemination and Exploitation Plan

Rev 3 Updated June 2021



¹ The term 'project' used in this template equates to an 'action' in certain other Horizon 2020 documentation

This project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under Grant Agreement No 700092. This Joint Undertaking receives support from the European Union’s Horizon 2020 Research and Innovation programme, Hydrogen Europe and Hydrogen Europe Research.

The contents of this document are provided “AS IS”. It reflects only the authors’ view and the JU is not responsible for any use that may be made of the information it contains.

Nigel Holmes¹, Jesus Simon², & Enrique Troncoso³

¹ Scottish Hydrogen & Fuel Cell Association, WP6 lead.

² Aragon Hydrogen Foundation, WP1 lead.

³ Aragon Hydrogen Foundation, Technical Review.

Author printed in bold is the contact person/corresponding author

Version	Date	Revised by
3	June 2021	Nigel Holmes

Executive Summary

BIG HIT has actively engaged with industry, community, and policy stakeholders during the first five years of the project. Dissemination activities have taken place within the Orkney Islands, throughout Europe, and internationally. The very high profile achieved by BIG HIT was recognised with 'Best Outreach Award' presented at the FCH JU Awards on 20 November 2019.

The WP6 dissemination activities have successfully raised the awareness of BIG HIT as an exemplar 'Hydrogen Territory' that will play a key part in identifying and supporting further hydrogen valley replication opportunities. The result has been to achieve a high profile for BIG HIT and wide recognition of this lighthouse Hydrogen Territories approach during the first 5 years of this 6 year project, which finishes in April 2022.

Thanks to the support from the FCH JU the BIG HIT project has built up a Hydrogen Territory with local green hydrogen production and demand in Orkney. BIG HIT is widely seen an early pathfinder, and one of only 4 out of 36 hydrogen valley projects in the world currently recognised as being fully implemented by the FCH JU supported Mission Innovation Hydrogen Valleys initiative (<https://www.h2v.eu/hydrogen-valleys>)

One of the recent key activities for BIG HIT dissemination is the sharing of lessons learned during the past few years. The experience from BIG HIT has already helped establish much larger hydrogen valley projects including HEAVENN in the North Netherlands and GREEN HYSLAND in Majorca. Both of these FCH JU supported projects are now building hydrogen production and demand as part of the transition to a low carbon economy.

In June 2021 Mission Innovation launched of the [Clean Hydrogen Mission](#), a new global coalition to support the clean hydrogen economy as part of [Mission Innovation](#). The goal of this Clean Hydrogen Mission is to reduce the costs of clean hydrogen to the end user to 2 dollar per kilogram by 2030 and to deliver at least 100 large-scale integrated hydrogen valleys worldwide. This new global Clean Hydrogen Mission reinforces the role for hydrogen valleys as a driver for worldwide low carbon economic growth, and the transition to Net Zero.

The BIG HIT dissemination methodology has used presentations and participation in a significant number of events by project partners, together with technical reports and media articles. Technical dissemination has been carried from the start of the project in May 2016 with presentations being delivered at a significant number of high profile technical conferences. More recently BIG HIT has been invited to speak at high level policy conferences, such as EU high level energy policy conference held at Linz in August 2018.

During 2020 the Covid-19 pandemic initially had a significant impact on the traditional dissemination and communications via in-person events and conferences, with nearly all in-person events being cancelled. From April 2020 onwards BIG HIT dissemination transitioned from being all in-person meetings and events, to becoming nearly all on-line. This use of on-line events such as webinars enabled BIG HIT to successfully reach out to a much larger and geographically dispersed audience than was previously possible with travelling to in-person events.

This use of webinars and participation in on-line conference is now helping BIG HIT and the HTP to maximise the impact and outcomes in the lead up to the final conference event in April 2022. The updated dissemination plan for BIG HIT dissemination activities up to the end of the project in April 2022 expects large meetings and travel to continue to be restricted, making traditional events and conferences less attractive.

The new Hydrogen Territories Platform (HTP) is at the heart of the plan for BIG HIT dissemination and exploitation in the final year of the BIG HIT project. The on-line HTP webinars were launched in September 2020 and the first of the four HTP webinars scheduled for 2021 took place on 23 March

BIG HIT Dissemination and Exploitation Plan

2021. These HTP events are getting good attendance and a series of HTP webinars will reach key target groups during the final year of the BIG HIT project.

The HTP will assist with replication of the BIG HIT project in other isolated territories, and a resource that supports the sharing of lessons learned together with tools which can be used by other projects to help build their business case. The HTP website includes sections with details on the hydrogen production from renewables, hydrogen storage and logistics, hydrogen and fuel cells, regulatory guidance, and how to start implementation of their own Hydrogen Territory projects.

Planning of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The launch event for the HTP took place on 23rd September 2020, and the agendas for the HTP launch, HTP1, and HTP2 webinars included as Appendix 1. This series of HTP webinars has been organised to take place during 2021 on a three monthly schedule:

- HTP1:** 23 March 2021. Sharing experience with BIG HIT, HEAVENN, and GREEN HYSLAND
- HTP2:** 16 June 2021. Building your H2 valley / island project ideas and consortium partners
- HTP3:** 9 September 2021 Safety and technical design for H2 valley / island project proposals
- HTP4:** 8 December 2021 Commissioning and operational excellence for H2 valley / island projects

Hydrogen Territories Platform webinar series for 2021

It is hoped the final BIG HIT conference event scheduled for April 2022 in Orkney might be able to go ahead as a physical event. However it is recognised that travel plans may still be restricted because of Covid-19, particularly for international travel. For this reason the final conference in April 2022 will be planned as a hybrid event with both on-line participation and in person attendance.

Strong links have been established between BIG HIT and other FCH JU supported projects, and this collaborative approach for dissemination will be used for the remainder of the BIG HIT project. There are two specific themes for this working across FCH JU projects:

1. Sharing experience and lessons learned from Hydrogen Territories/Valleys/Islands
2. Using complementary activities to reinforce public awareness and FCH outreach

The first theme on sharing experience and lessons learned from Hydrogen Territories, Valleys, and Islands brings together three FCH JU projects. The other two projects are HEAVENN, and GREEN HYSLAND, with HEAVENN developing an extensive Hydrogen Valley in the North Netherlands, and GREEN HYSLAND developing a similar Hydrogen Valley on the island of Majorca.

The second theme was developed as a result of project EveryWh2ere winning the FCH JU Best Outreach Award 2020. Following discussions between BIG HIT and EveryWh2ere a number of potential opportunities for joint public outreach events was identified, including the Edinburgh Festival August 2021 and COP26 in Glasgow in November 2021. These events could be suitable for using the EveryWh2ere hydrogen fuel cell gensets with green hydrogen supply from Orkney, and hope to include this at the final BIG HIT conference in Orkney.

In conclusion the BIG HIT project members have worked very closely together to deliver effective communication and dissemination activities. Communications have used clear and consistent messages about the use of hydrogen to overcome local grid constraints and deliver local benefits to the communities in the Orkney Islands, with the BIG HIT schematic map being used extensively.

The updated Dissemination and Exploitation Plan will continue to maximise the impact of the BIG HIT project through dissemination to follower territories, stakeholders and the wider public. This plan will use resources and support from all BIG HIT partners to increase the impact and value for BIG HIT dissemination and exploitation. At the conclusion of the BIG HIT project the delivery of HTP activities will be handed over from SHFCA to the Aragon Hydrogen Foundation, to provide continuity and ongoing effective HTP support for further development of Hydrogen Valleys.

	Index	Page
	Executive Summary	3
1. Objectives		5
2. Dissemination Achievements		5
3. Dissemination Activities		6
3.1 Communication methodology		7
3.2 Target groups		7
3.3 BIG HIT website		8
3.4 Hydrogen Territories Platform		9
3.5 BIG HIT Logo, Schematic Map and Icons		9
3.6 Social and Professional online networks		10
3.7 Communication activities		11
4. Conclusions		15
5. Appendix 1: Dissemination Activities for Impact		17
6. Appendix 2: Launch of Hydrogen Territories Platform		21

Note: Figures and Tables are numbered according to section number.

BIG HIT Dissemination and Exploitation Plan

1. Objectives

BIG HIT is demonstrating the use electrolysis as a means of converting curtailed renewable energy into hydrogen, its subsequent transportation by land and sea and its utilisation to provide mobility, heat and power. The breadth and scale of BIG HIT is still unique in isolated territories, with the Hydrogen Valleys approach now being scaled up by projects such as HEAVENN in the North Netherlands and GREEN HYSLAND in Majorca.

BIG HIT is actively engaging with industry, community, and policy stakeholders. Dissemination activities have taken place within the Orkney Islands, throughout Europe, and internationally. The result has been to achieve a high profile for BIG HIT and wide recognition of the Hydrogen Territories approach during the first 5 years of this 6 year project using tools such as the now iconic BIG HIT map of Orkney hydrogen production, transportation, and use activities.



Fig 1. BIG HIT Schematic Map – widely recognised and now iconic.

Central to the plan for BIG HIT dissemination and exploitation in the last 12 months of the project will be use of the Hydrogen Territories Platform (HTP) to assist with replication of the project in other isolated territories. The HTP will be a resource that supports the sharing of lessons learned together with tools which can be used by other projects to help build their business case. The HTP includes sections with details on the hydrogen production from renewables, hydrogen storage and logistics, hydrogen and fuel cells, regulatory guidance, and how to start implementation of Hydrogen Territory projects.

Planning of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The HTP launch event took place on 23 September 2020, and the outline agenda for the HTP launch is included as Appendix 1. A series of four HTP webinars has been organised to take place during 2020 on a three monthly schedule, with the agendas for HTP1 and HTP2 also included in Appendix 1.

To achieve maximum impact in potential replicator territories, BIG HIT has established links with several relevant groupings of islands and similar isolated territories who are helping disseminate project information and literature to their members.

The HTP1 webinar event on 23 March 2021 included the opening keynote by Jan Cornille of EU Clean Energy Islands as part of raising wider profile, and to support the original aim for BIG HIT project dissemination to achieve profile within over 1400 EU isolated territories and to maximise the chance of replication.

Additionally, BIG HIT has created the structures and awareness of hydrogen and fuel cells, which has already enabled further FCH projects in Orkney to be developed. This has helped meet OICs objectives

BIG HIT Dissemination and Exploitation Plan

for achieving local benefits and economic impacts from BIG HIT. Together, these will allow direct use of knowledge and IP generated, provide a large market for industrial partners in the consortium and result in a significant additional investment in FCH technologies.

The lessons learned by BIG HIT project partners are now helping to significantly de-risked the rollout of FCH technology, and the sharing of this experience is one of the key objectives of the HTP. Interest from private companies and organisations for the replication of hydrogen territories and hydrogen valleys is increasing rapidly. Many of the further developments will be most likely funded by national, regional or private sources.

This Exploitation and Dissemination plan is the focus of Task 6.1, and has been reviewed and updated at the annual Steering Committee General Assemblies.

2. Dissemination Achievements

BIG HIT has actively engaged with industry, community, and policy stakeholders during the first four years of the project. Dissemination activities have taken place within the Orkney Islands, throughout Europe, and internationally. The result has been to achieve a high profile for BIG HIT and wide recognition of the Hydrogen Territories approach.

The technical dissemination of BIG HIT has been widely carried out with presentations being delivered at a significant number of high profile technical conferences, as well as the very high profile achievement with BIG HIT recognised for 'Best Outreach' at the FCH JU Awards on the 20th November 2019.

BIG HIT project members have worked very closely together on the communication and dissemination activities. Communications have used clear and consistent messages about the use of hydrogen to overcome local grid constraints and deliver local benefits to the communities in the Orkney Islands, with the BIG HIT schematic map being used extensively.

The WP6 dissemination has raised the awareness and profile of BIG HIT as an exemplar 'Hydrogen Valley', and will continue to play a key part in identifying and supporting further replication opportunities. Strong links have been established between BIG HIT and the FCH JU supported HEAVENN project which is developing an extensive Hydrogen Valley in the North Netherlands.

3. Dissemination Activities

During operation and delivery of the project the BIG HIT activities have generated a range of significant knowledge and insights at both the component and system level, together with an understanding of the skills and training requirements. The delivery of the BIG HIT project continues to be organised into 6 work packages with involvement from partners in specific activities, and the only change has been the extension of the project from 5 years to 6 years.

The timing and content of the different Work Package activities has been a key consideration for the evolution of WP6 dissemination activities during the project. An early focus of the WP6 dissemination activities during 2016-18 was on local awareness raising and community stakeholder engagement, together with early insights from data modelling.

Once the equipment was deployed and commissioned in the Orkney Islands, the focus for dissemination moved to sharing the experience gained and the key lessons learned from the operation and management of the equipment. Throughout the project the WP5 activities on impact and business models have been closely aligned with WP6 dissemination activities.

The dissemination for different audiences will continue to make full use of the BIG HIT partner expertise:

- Commercial insights and investment perspectives (OIC, ITM, SFC, GIA, SYM, CAL)
- Financial markets and institutional investors, through trading announcements (ITM)

BIG HIT Dissemination and Exploitation Plan

- Development of appropriate regulation and standards (specifically with environmental and hydrogen regulations), and relevant links with policy making (FHA, SHFCA, ITM)
- Local acceptability of hydrogen technologies (CES, SDT, OIC, EMEC)
- Educational training, including skills and research (DTU)
- Practical training requirements for operations and maintenance (EMEC)

Refer to Appendix 1 for examples of individual BIG HIT partner dissemination as part of the HTP webinars providing key insights and lessons learned during the BIG HIT project.

Refer to Appendix 2 for of the forward planner which shows the significant change in dissemination activities from in-person to on-line events. This reinforces the need to continue using communications activities with a much stronger on-line presence, such the four HTP webinars during 2021. This forward planner will be used to identify key opportunities using resources and support from all BIG HIT partners to maximise the impact and value for BIG HIT dissemination and exploitation.

Specific BIG HIT opportunities linked to international events such as the ICHS2021 hydrogen safety conference in Edinburgh on 21-23 Sept 2021 and the United Nations COP26 conference in Glasgow on 1-12 November 2021 are just two examples being considered for raising BIG HIT profile.

3.1 Communication methodology

The dissemination strategy is led by SHFCA and agreed at the Steering Committee by input from all BIG HIT project partners, and is reviewed and updated as the project progresses. The delays in commissioning of the 1MW electrolyser and hydrogen boiler on Shapinsay are an example of where the communications have been discussed and agreed by all partners. The significant impact of Covid-19 on the traditional dissemination and communications via events and conferences also required discussion and input from partners, with a decision to support the HTP webinar series.

Core messages about the benefits from hydrogen and fuel cells have remained consistent throughout the BIG HIT project, but the emphasis has evolved significantly as a result of the recent focus across Europe for delivering Net Zero as part of a Just Transition.

In June 2021 Mission Innovation launched of the [Clean Hydrogen Mission](#), a new global coalition to support the clean hydrogen economy as part of [Mission Innovation](#). The goal of this Clean Hydrogen Mission is to reduce the costs of clean hydrogen to the end user to 2 dollar per kilogram by 2030 and to deliver at least 100 large-scale integrated hydrogen valleys worldwide. This new global Clean Hydrogen Mission reinforces the role for hydrogen valleys as a driver for worldwide low carbon economic growth, and the transition to Net Zero.

The BIG HIT consortium agreement includes the management, ownership and access to knowledge generated in the project (performance data, IPR etc.). This allows BIG HIT partners, collectively and individually, to pursue market opportunities arising from the BIG HIT project results. Key to the knowledge management strategy is rules on confidentiality and data sharing, including the use of non-disclosure agreements between partners where required allow open discussion and access to confidential data. Data generated in the project is shared between partners, unless there are good commercial reasons why this is not possible. Any information released outside the consortium requires approval from the Steering Committee

As well as dissemination activities linked to respective Work Packages, the key learning points from the individual project partners have been captured for further dissemination, for example with the HTP. The BIG HIT project logo, the FCH2JU logo and the EC logo have been used in all publications, presentations and equipment funded by the project.

Where possible all BIG HIT reports are disseminated are archived using standard software formats, and after completion of the project, the BIG HIT reports and results will be self-archived (green open access) using the EU's [CORDIS](#) (Community Research and Development Information Service).

BIG HIT Dissemination and Exploitation Plan

3.2 Target groups

Dissemination activities have been focussed around WHO (target audiences) will receive WHAT (key messages), now updated with WHY and HOW this has been delivered, and what ACTIONS and OUTCOMES have been achieved. This is summarised in Table 3.2 below:

WHO Audience	WHAT Key messages	WHY Intended outcomes	HOW Communication channels and approach used	OUTCOMES & ACHIEVEMENTS Dissemination and exploitation outcomes and likely impacts
Public and local communities in Orkney	Local economic & social benefits of FCH, including energy security and new skills for Net Zero.	Achieve wider acceptance of FCH technologies and specifically the safe production and handling of hydrogen.	Local partners CES, EMEC, SDT and OIC have been leading at events and webinars in Orkney with local communities, addressing any specific issues or areas of concern.	Maintain local awareness of BIG HIT relevance and the local benefits, including skilled jobs at EMEC and OIC. Impacts include bringing additional hydrogen projects to Orkney.
Follower and potential replicator territories	Hydrogen valleys for energy security with low carbon economic & social benefits,	Information about local economic, energy security, and social impacts, and encourage replication of the BIG HIT approach with new hydrogen valleys.	Dissemination at events and webinars about BIG HIT and Hydrogen Territories Platform webinars which can be attended by potential followers from across the world.	Have built close links with new hydrogen valley FCH JU projects such as HEAVENN and GREEN HYSLAND, sharing the lessons learned by BIG HIT.
Policy teams and local authorities	Green hydrogen for economic & social benefits, including energy security and carbon reduction	Support and encourage development of relevant policies using hydrogen and local energy systems.	Use meetings, events and webinars to highlight success of BIG HIT with outcomes in terms of local jobs, energy costs, and social benefits.	Orkney case study in Dec 2017 Scottish Government Energy Strategy, and June 2021 Mission Innovation global clean hydrogen challenge for 100 hydrogen valleys by 2030
Regulators and environmental groups	Green hydrogen for Net Zero, with low environmental impact and potential for 'hard to treat' heat and mobility sectors	Achieve understand wider environmental benefits of the BIG HIT approach in difficult areas such as low carbon heat and sustainable mobility	Dissemination of key safety and environmental information, together with relevant BIG HIT experience at workshops and events in Scotland, UK, and Europe.	Scottish Government policy support for rapid uptake of green hydrogen. SEPA environmental permitting for electrolyser installations. Regulatory acceptance for moving H2 tube trailers on Orkney ferries.
DSO, TSO, RE generators	Use green hydrogen to avoid local grid curtailment, defer upgrading of cables and transformers, and allow more VRE to be used into heat and transport	Show how PEM electrolysis can maximise use of VRE and help avoid curtailment of VRE sources as part of active local network management.	Experience gained by partners SDT, CES, EMEC, and ITM for key technical and operational information shared at relevant workshops and events in Scotland, UK, and Europe.	Key lessons learned about the ability of VRE close-coupled electrolysers will be invaluable for identifying replication and scale-up in hydrogen territories and hydrogen valleys.
HFC Industry and sector bodies	Hydrogen valley replication and scale of opportunities with Net Zero	Gain widespread industry and sector recognition and acceptance of hydrogen valley approach	Dissemination of business models to impart scale and impact of replicating BIG HIT approach	Much wider recognition of the scale and timing of opportunity, June 2021 Mission Innovation global clean hydrogen challenge for \$2/kg by 2030
HFC companies and experts	Opportunities and timescales for hydrogen valleys with Net Zero	Dissemination of business model so that they know how, where, and when to replicate BIG HIT approach	Sharing of key technical and operational information and lessons learned, with BIG HIT partners now also involved in other FCH JU projects.	Sharing the lessons learned by BIG HIT has helped new FCH JU hydrogen valley projects such as HEAVENN and GREEN HYSLAND become established
Skills, Training, and Education Sector	New skills and training needs for the Just Transition and Net Zero	FCH skills curriculum and evaluation, including numbers of people and timescale	Develop training and skills such as transport of H2 by ferry to support delivery of BIG HIT approach	New training modules developed and delivered in Orkney for local handling and transport of H2 by ferry

Table 3.2. BIG HIT Audiences, Key Messages, Activities, and Outcomes

BIG HIT Dissemination and Exploitation Plan

These communication methods outlined in the BIG HIT Dissemination and Exploitation Plan have been used to promote BIG HIT and disseminate its results during the extended 72 month period of the grant. The communication methodology uses participation and presentations at a significant number of events by project partners, together with reports and other literature. During 2020 the Covid-19 pandemic initially had a significant impact on the traditional dissemination and communications via in-person events and conferences, with nearly all in-person events being cancelled from April 2020.

From April 2020 onwards BIG HIT dissemination has transitioned from being all in-person meetings and events, to becoming nearly all on-line. The on-line events such as webinars have been very successful in enabling BIG HIT to reach out to a much larger and geographically dispersed audience than was previously possible with travelling to in-person events. This use of webinars and participation in on-line conferences has helped BIG HIT and the HTP to maximise the impact and outcomes.

Dissemination activities with relevance to stakeholder groups most interested in replication and exploitation (islands, isolated territories, distributed energy) will continue to be targeted to achieve most impact. This will be achieved through the development and use of a forward event planner (see Appendix 2) that enables suitable events to be identified, possible partner speakers to be identified and abstracts submitted.

3.3 BIG HIT Project website

The BIG HIT website www.bighit.eu has two main roles, but has also developed a third role as an important contact point for general enquiries to the project:

- 1. Communications about the BIG HIT Project:** This includes information for different audiences, news and events listings, as well as a repository for project reports and other background information such as guidelines, methods, evaluation criteria or questionnaires. The BIG HIT website news articles are added regularly to encourage return visits. The website features links with the Hydrogen Territories Platform website (HTP, www.h2territory.eu) and other related projects in order to improve search ranking results, to help promote the project and engage with the wider community.
- 2. Information dissemination to allow the BIG HIT project to be replicated:** Content on the BIG HIT and HTP websites provides a toolkit of information and resources to facilitate the replication and exploitation of the project. This includes technical reports and case studies that explain how BIG HIT is structured, business models for replication, BIG HIT achievements and the lessons learned, so others can benefit from BIG HIT experience. It will also include operational KPIs of operating profit / loss, availability of hydrogen to end-users, average hydrogen transferred each ferry journey, end-user demand curtailed energy not captured due to H₂ storage being full and carbon savings compared to fossil based alternatives.
- 3. Contact point for BIG HIT Enquiries:** the [BIG HIT website Contact Page](#) allows anyone to submit an enquiry, and can come from anyone with an interest in the project - examples include individuals, community groups, and journalists - often with requests coming in at short notice for news deadlines. Replies to these enquiries are typically sent within 24 hours,

Some dissemination actions will continue beyond the revised completion date for the BIG HIT project in May 2022. The BIG HIT website platform will continue to be maintained for at least 2 years after the completion of the project, and will serve as a valuable reference for future EU replications of BIG HIT concept. The public deliverables are envisaged to be maintained for 2 years after the finalisation of BIG HIT project, and the HTP website will then provide further continuity and resources. The upkeep and maintenance of the BIG HIT website continues to be the responsibility of WP6 lead partner SHFCA. This work will be closely coordinated with the FHA who are building and maintaining the Hydrogen Territories Platform (HTP) website.

After completion of the project, the BIG HIT reports and results will be self-archived (green open access) using the EU's CORDIS (Community Research and Development Information Service). The CORDIS

BIG HIT Dissemination and Exploitation Plan

Projects and Results service is the one-stop shop for information on EU-funded research projects and project results. Users can search CORDIS and will be able to access all the BIG HIT project information from throughout the lifecycle of BIG HIT including the grant details, funding and participants, key reports, the latest multilingual Results in Brief and links to specific publications and other documents.

Further development of the Hydrogen Territories Platform is creating a web portal that will host information from BIG HIT and other similar projects working on the development of hydrogen islands or territories.

3.4 Hydrogen Territories Platform

A website for the Hydrogen Territories Platform (HTP) has been built during the 4th reporting period. It was decided to have a separate tool from the already existing BIG HIT website in order to make easier to continue the activities of the HTP after the end of the BIG HIT project. The HTP is also part as well of the replicability actions of the FCH JU funded project HEAVENN, in which FHA is also leading the replicability WP. The homepage of the HTP website makes clear reference to BIG HIT:



Figure 3.4 Homepage of the HTP website with BIG HIT logo

The HTP website uses the domain <http://h2territory.eu/>, and will be open to public access in July-August 2020. Planning of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The launch event for the HTP is provisionally scheduled to take place on 23rd September 2020, and the outline agenda for the HTP launch is included as Appendix 3. A series of four HTP webinars has been organised to take place during 2021 on a three monthly schedule.

3.5 BIG HIT and HTP Logos, Schematic Map and Icons

The BIG HIT project logo was developed with input from all partners to create a distinct brand, and the design style has been used for the new HTP logo:



Fig 3.5.1. BIG HIT and HTP Logos with common features and ‘brand style’

The BIG HIT logo is used on all BIG HIT physical and electronic communications. A version of the logo without strapline is also available and can be used in situations where space is limited or lo-res format is preferred for mobile communications. The BIG HIT project logo, the FCH2JU logo and the EC logo will continue to be used in all publications, presentations and equipment funded by the project, and all efforts will be made to ensure this is also achieved with external publications and by the press and media.

There are no specific stipulations on logo size, BIG HIT will take a common sense approach to make these sufficiently prominent and ensure the project funders are properly recognised for the significant support they have provided. All dissemination activities will make use of the opportunities to use the HTP logo alongside the BIG HIT logo. The BIG HIT schematic map of the Orkney Islands used for regular communications includes the relevant EU, FCH-JU, and project details.

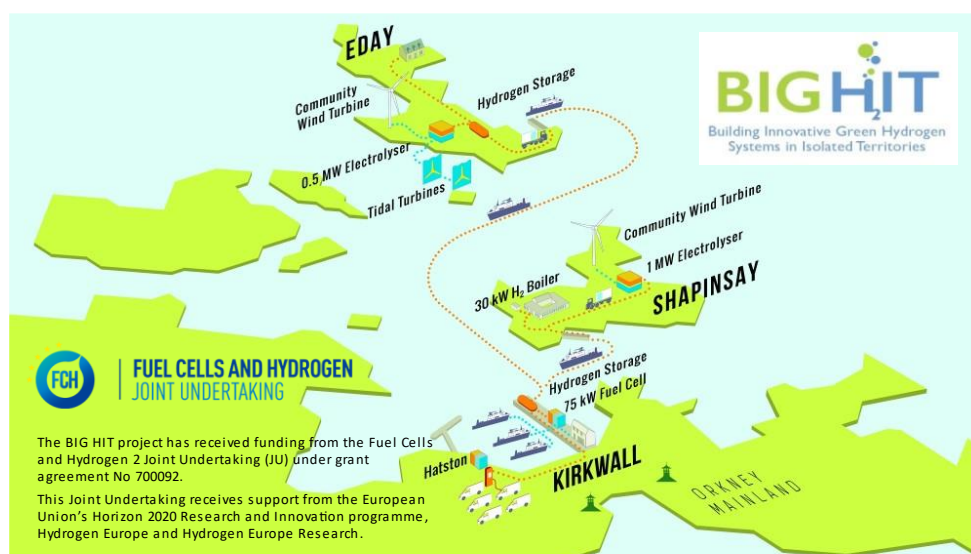


Fig 5.3.2. BIG HIT schematic map with EU and FCH JU logos

This schematic map has been equally useful for academic and technical conferences, as well as community stakeholder engagement and policy teams. To further support and enable wider replication of the BIG HIT approach a set of icons is being developed which will be available upon request to potential follower territories and other project developers. These icons will include representations of the typical hydrogen production, transport and use for isolated territories:

BIG HIT Dissemination and Exploitation Plan

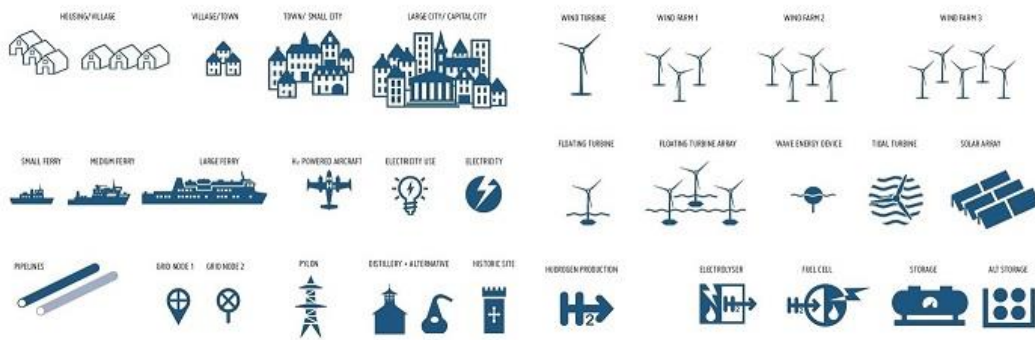


Fig 5.3.3. Illustrative set of BIG HIT icons for follower territory schematic maps

The above icon set is for illustration, the number of icons and design details for the finished set will reflect the style already used in BIG HIT and the most likely requirements of follower territories.

3.6 BIG HIT Social and professional networks

The BIG HIT project has managed to achieve a very high profile and wide awareness despite a relatively low level of project activity on social media. The original plan was to develop a wider presence using social media such as Twitter and online groups such as LinkedIn to provide frequent updates. There is a Twitter account @H2BIGHIT but the number of project posts has been low, and the use of the BIG HIT LinkedIn group has also been low. Work to further develop Twitter and LinkedIn will need to be considered carefully based on resource and capacity for WP6 activities during the last 24 months of the project. The use of Facebook, Youtube, and other social media platforms will be explored and discussed with project partners before implementing.

On-line events including the series of HTP webinars will be used to reach out to a much wider audience, and help to maximise the BIG HIT project impact and outcomes during the final 12 months of BIG HIT.

3.7 Communication Activities

As a consortium, the totality of foreground knowledge gained during BIG HIT will be critical for any isolated territory that wishes to replicate the project. The BIG HIT consortium has not applied as a group for tenders for replication in other territories, but there are several examples where BIG HIT partners have supported the development of other projects, for example with partners now involved in the FCH JU supported HEAVENN and GREEN HYSLAND hydrogen valley projects.

The BIG HIT project communication activities have included specific focus on

1. Identification of ongoing projects for project cooperation (other islands or isolated territories)
2. Publications (in scientific journals, etc.)
3. Identification of appropriate Conference, Events and Fairs for participation by BIG HIT
4. Workshops and public events for the Orkney citizens

The BIG HIT dissemination and exploitation activities are outlined in the following Table 3.7

Method & Channel	Description of BIG HIT Dissemination & Exploitation Activities
BIG HIT Website	The BIG HIT website www.bighit.eu continues to play a key part in the dissemination and communication activities: Dissemination of information about the BIG HIT Project: This contains information for different audiences, news and events listings, as well as a repository for project reports and other background information such as guidelines, methods, evaluation

	<p>criteria or questionnaires. The website will be added to regularly to encourage return visits. The website will create links with other related projects in order to improve search ranking results, to help promote the project and engage with the wider community.</p> <p>Dissemination of information to allow the project to be replicated: Content will form a toolkit of information and resources to facilitate the replication and exploitation of the project. This includes technical reports and case studies that explain how BIG HIT is structured, business models for replication BIG HIT achievements and the lessons learned, so others can benefit from BIG HIT experience. It will also include operational KPIs of operating profit / loss, availability of hydrogen to end-users, average hydrogen transferred each ferry journey, end-user demand curtailed energy not captured due to H2 storage being full and carbon savings compared to fossil based alternatives.</p> <p>Contact point for BIG HIT Enquiries: the BIG HIT website Contact Page allows anyone to submit an enquiry. These replies to these enquiries are typically sent within 24 hours, and can come from anyone with an interest in the project - examples include individuals, community groups, and journalists.</p>
<p>Hydrogen Territory Platform</p>	<p>The HTP website has been developed separately from the BIG HIT website in order to make easier to continue the activities of the HTP after the end of the BIG HIT project. The HTP website uses the domain http://h2territory.eu/ and is open to public access. The ‘Hydrogen Territories Platform’ includes sections with details on the hydrogen production from renewables, hydrogen storage and logistics, hydrogen and fuel cells, regulatory guidance, and how to start implementation of Hydrogen Territory projects. Planning of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The online launch event for the HTP took place on 23 September 2020, and the outline agenda for the HTP launch is included as Appendix 1. A series of BIG HIT & HTP webinars is taking place during 2021 on a three monthly schedule, and will reflect different aspects of the hydrogen supply, transportation, and use in a Hydrogen Territory as well as overarching themes such as business plan, operational skills, and safety.</p>
<p>Orkney Islands community and local stakeholder engagement</p>	<p>BIG HIT communications will continue to address any local questions about adverse impacts, such as concerns about use of ferries for shipping the tube trailers which might cause travel restrictions or delays for other ferry users. This will make good use of community meetings, thanks to the involvement of the Shapinsay Development Trust and Orkney Islands Council. Flyers & local household written communications might be used, but it is more likely that local communications will be delivered by a combination of social media, emails, and local community meetings.</p>
<p>Isolated Territory Associations</p>	<p>The online launch event for the HTP took place on 23 September 2020 included participants a much wider geographical range than previously seen at physical events, reflecting the ease of access to on-line events.</p> <p>The final 12 months of the BIG HIT project is using the series of four HTP webinars to enable followers from widely dispersed locations the opportunity to find out more and interact with the project partners on a more meaningful level. Webinars have a significant advantage in ease of access and no cost barriers which can significantly widen the audience.</p> <p>BIG HIT will continue to disseminate project information through the Conference of Peripheral Maritime Regions of Europe (CPMRE), the Scottish Islands Federation (SIF) and the European Small Islands Federation (ESIF), providing access to 160 maritime and peripheral regions (through CPMR) and 1,300 small European islands (through</p>

BIG HIT Dissemination and Exploitation Plan

	ESIF). It is hoped that these will provide further opportunities for replication.
Flyers & Local Household Written Communications	As example of early pro-active written communication with local stakeholders OIC wrote to every household on the islands of Eday and Shapinsay in May 2016 to outline BIG HIT and advised all local residents of the proposals to install hydrogen boilers in the island schools. BIG HIT produced literature, including flyers and contact cards which were used at events. Local dissemination has helped raise their awareness and levels of knowledge so that any negative preconceptions can be dispelled. These activities have helped address any potential areas of concern which may be raised by local stakeholders – individuals or community groups – about aspects of the BIG HIT project delivery or ongoing activities.
Social Media & Online Groups	BIG HIT has a presence using social media such as Twitter and use of online groups such as LinkedIn to provide updates. This is used for discussing new developments, problems, and issues or concerns. Social media can be proactive and reactive, sharing learning with wider communities and helping develop the BIG HIT profile.
Webinars	The changes resulting from the Covid-19 pandemic now mean that the use of webinars is critical for successful dissemination of BIG HIT project lessons learned. The HTP webinars are enabling followers from widely dispersed locations the opportunity to find out more and interact with the project partners on a more meaningful level. This is a priority for communication and dissemination during the last 12 months of the BIG HIT project, using a programme of four HTP webinars during 2021 (see Appendix 2 for HTP1 and HTP2 agendas).
Related Projects cooperation	BIG HIT has developed strong links with related H2020 and other projects with aim of maximising the dissemination impact and replication opportunities. This will continue to play a key part in identifying and supporting further replication opportunities for BIG HIT. Links have been established between BIG HIT and the FCH JU supported HEAVENN project which is developing an extensive Hydrogen Valley in the North Netherlands, as well as the FCH JU supported GREEN HYSLAND project in Majorca. These links will continue to be a key dissemination route as well as an opportunity to share project learning and experiences during 2021-22.
Technical, Academic & Policy Conferences	<p>Depending on the restrictions on travel and large scale meetings following the Covid-19 pandemic, on-line technical conferences and academic events continue to present opportunities to share BIG HIT achievements with experts in the technical field, as well as wider stakeholders and investors. This includes online presentations, electronic posters, and papers.</p> <p>Conferences with most relevance to BIG HIT will be identifies in a forward event planner (see Appendix 2) that enables suitable events to be identified, possible partner speakers to be identified and abstracts submitted.</p> <p>A key change in recent years has been the addition of Policy Conferences to the BIG HIT planner. This reflects the recent priority to Net Zero and corresponding focus on investment in green technologies as a key element of post-Covid recovery plans for the EU and many countries. A further opportunity for BIG HIT will be the UN COP26 climate change summit being held in Glasgow in November 2021.</p> <p>BIG HIT participation in events such as the FCH JU Annual Stakeholder Forum and EU Sustainable Energy Week will continue to be relevant for BIG HIT project dissemination. This will engage people, gauge their reactions, and get one-to-one industry and stakeholder feedback on wider exploitation and replication opportunities to be followed up.</p> <p>Ongoing participation in forums after the completion of the BIG HIT project in month 72 is also anticipated with the HTP, so that BIG HIT partners can continue to share the</p>

BIG HIT Dissemination and Exploitation Plan

	results obtained at conferences, fairs and events related to the project targets.
Technical & Academic Publications	<p>WP5 activities will cooperate with other universities such as Heriot-Watt University (in Orkney and Edinburgh) and also University of Groningen (NL)). This may include opportunities for supervision and co-supervision of master and/or Ph.D. students doing project topics related to the BIG HIT project and the BIG HIT concept.</p> <p>As well as academic links with universities, there have been strong links developed with technical and vocational training during the first 4 years of BIG HIT with the Orkney College and the Energy Skills Partnership. These links are important for the successful replication of BIG HIT, and will continue.</p> <p>BIG HIT hopes to achieve some further publications by partners in reviewed journals in relevant disciplines near the end of the project when we have BIG HIT data and results to report. Copies of all publications will also be placed on the Hydrogen Territories Platform and CORDIS websites.</p>
Workshops	<p>BIG HIT will continue to use opportunities for participation in and delivery of workshops at events. This will gather feedback from participants or from experts on particular issues. Demonstration and hosted visits are currently curtailed due to Covid-19, but will continue to be considered as a means of wider engagement with stakeholders on project activity and to help with local acceptance</p>
Press & Media	<p>Press releases to announce important achievements will continue to be coordinated with and delivered through the Steering Committee. The objective is to achieve a steady and significant coverage of BIG HIT in national and international press and media throughout the duration of the project. BIG HIT ran a press day at All-Energy 2018 on 2 May in Glasgow, in advance of the project launch event on 15 May 2018 in Orkney, and there will be a series of press releases during the build up to the final conference being held in Orkney in late April 2022.</p>

Table 3.7 BIG HIT project Communication Channels & Activities

The BIG HIT dissemination and exploitation activities will continue to align with the plans for Work Package 1 (Project Coordination) led by the FHA. At the partner level, each will use the foreground knowledge generated in BIG HIT differently. Relevant data will be made available for exploitation and also made accessible for verification and re-use by other projects seeking to replicate the BIG HIT approach.

4. Conclusions

BIG HIT has actively engaged with industry, community, and policy stakeholders during the first five years of this six year project. Dissemination activities have taken place within the Orkney Islands, throughout Europe, and internationally. The result has been to achieve a high profile for BIG HIT together with a wide recognition of the Hydrogen Territories approach and BIG HIT recognised for ‘Best Outreach’ at the FCH JU Awards on 20 November 2019.

During 2020 BIG HIT dissemination activities were initially impacted by restrictions on large meetings and travel, making traditional events and conferences very difficult. The impact of Covid-19 on BIG HIT dissemination via physical events and conferences was reassessed, and on-line events such as webinars were used from May 2020 in the run up to the April 2022 final BIG HIT conference event.

This updated BIG HIT dissemination plan for 2021-22 uses resources and support from all BIG HIT partners, and will continue to maximise the impact of the BIG HIT project. Dissemination to follower territories, stakeholders and the wider public has now largely moved on-line, and includes the use of the

BIG HIT Dissemination and Exploitation Plan

Hydrogen Territories Platform (HTP, www.h2territory.eu) as one of the main activities in the run up to the final BIG HIT conference in April 2022.

BIG HIT project members have worked very closely together on the communication and dissemination activities. Communications have used clear and consistent messages about the use of hydrogen to overcome local grid constraints and deliver local benefits to the communities in the Orkney Islands, with the BIG HIT schematic map being used extensively. WP6 dissemination has raised the awareness and profile of BIG HIT as an exemplar 'Hydrogen Valley', and will continue to play a key part in identifying and supporting further replication opportunities.

The BIG HIT dissemination methodology has used presentations and participation in a significant number of events by project partners, together with technical reports and media articles. Technical dissemination has been carried from the start of the project in May 2016 with presentations being delivered at a significant number of high profile technical conferences. More recently BIG HIT has been invited to speak at high level policy conferences, such as EU high level energy policy conference held at Linz in August 2018.

BIG HIT partners have worked with related H2020 and other projects with aim of maximising the dissemination impact and replication opportunities. Links have been established between BIG HIT and the FCH JU supported HEAVENN project which is developing an extensive Hydrogen Valley in the North Netherlands, as well as the FCH JU supported GREEN HYSLAND project in Majorca. These links will continue to be an important dissemination route as well as an opportunity to share project learning and experiences during 2021-22.

Planning of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The launch event for the HTP took place on 23 September 2020, and series of four HTP webinars is taking place during 2021 on a three monthly schedule (see Appendix 1). On-line activities are now a key part of the dissemination plan for the remaining 12 months of the BIG HIT project, culminating in the final conference in April 2022 which is due to be hosted in the Orkney Islands. It is hoped that this final conference will be a physical event in the Orkney Islands, including on-line sessions as a 'hybrid' approach to maximise participation and impact.

The new Hydrogen Territories Platform (HTP) is central to the plan for BIG HIT dissemination and exploitation in the last 12 months of the project, and sets a foundation for further activities after the conclusion of BIG HIT in April 2022. The HTP will assist with replication of the BIG HIT project in other isolated territories, and a resource that supports the sharing of lessons learned together with tools which can be used by other projects to help build their business case. The HTP website includes resources with details on the hydrogen production from renewables, hydrogen storage and logistics, hydrogen and fuel cells, regulatory guidance, and how to start implementation of their own Hydrogen Territory projects.

In conclusion the BIG HIT project members have worked very closely together to deliver effective communication and dissemination activities. Communications have used clear and consistent messages about the use of hydrogen to overcome local grid constraints and deliver local benefits to the communities in the Orkney Islands, with the BIG HIT schematic map being used extensively during communications across all stakeholder groups.

The updated Dissemination and Exploitation Plan will continue to maximise the impact of the BIG HIT project through dissemination to follower territories, stakeholders and the wider public. This plan will use resources and support from all BIG HIT partners to increase the impact and value for BIG HIT dissemination and exploitation. At the conclusion of the BIG HIT project the delivery of HTP activities will be handed over from SHFCA to the Aragon Hydrogen Foundation, to provide continuity and ongoing effective HTP support for further development of Hydrogen Valleys.

Appendix 1. Hydrogen Territories Platform (HTP) webinars

The series of HTP webinars and meetings, activities and promotion is a joint activity in between WP5 and WP6. The HTP launch event took place on 23rd September 2020 with the following agenda:

Launch of the BIG HIT Hydrogen Territories Platform

Wednesday 23 September 2020. 15:00 – 16:30 CET

This event will explain how the HTP can inform and help you to identify local replication opportunities for the development, deployment, and exploitation of hydrogen and fuel cell technologies for integrated local energy systems. Speakers include:

- **Enrique Girón**, FCH JU: Building H2 Territories & H2 Valleys
- **Enrique Troncoso**, BIG HIT: Scaling up with H2 communities in the Orkney Islands
- **Jesús Simón**, Aragon Hydrogen Foundation: Using HTP for learning and replication
- **Alfonso Bernad**, Aragon Hydrogen Foundation: Introduction to the HTP tools
- **Nigel Holmes**, SHFCA: Future webinars and how to join the HTP

The new Hydrogen Territories Platform, developed within the BIG HIT project, will support replication of the local energy systems model. The HTP will provide information and modelling tools to support the wider development and replication of this model to other islands and isolated territories. This HTP will provide interested parties information and best practices relating to the deployment methodology, operation and logistics for the supply and distribution of green hydrogen in islands and isolated territories.

The presentations will be followed by a questions & answer session, which will also explain how you can join the HTP, build your networks, and start to make use of the replication tools including your own schematic map for a Hydrogen Territory or Hydrogen Valley.



HTP Launch: <https://www.bighit.eu/events/2020/9/23/hydrogen-territories-platform-launch>

A series of BIG HIT & HTP webinars is taking place throughout 2021 on a three monthly schedule, on the overall theme of 'Sharing Lessons Learned'. This series of Hydrogen Territories Platform (HTP) webinars brings together speakers with the experience of developing, commissioning, and operating hydrogen projects in real life.

BIG HIT Dissemination and Exploitation Plan

HTP1: Sharing experience with BIG HIT, HEAVENN, and GREEN HYSLAND

Tuesday 23 March, from 15:00 – 16:00 CET

Our first webinar of 2021 on Tuesday 23 March includes a great line-up of speakers who will provide experience and insights about developing real-world hydrogen projects. This is the first of our series of HTP webinars for 2021, which will cover key topics and activities which will be of interest to anyone seeking to create their own Hydrogen Valley or Hydrogen Territory project. Our opening speaker for HTP webinar 1 is Jan Cornille, project leader for the [Clean Energy for the EU Islands Initiative](#).

15:00 – 15:05 Welcome and opening

15:05 - 15:15 **Jan Cornille**: Introduction to [Clean Energy for EU Islands](#) initiative

15:15 – 15:30 **Patrick Cnubben, New Energy Coalition**: HEAVENN: a BIG HIT in the North Netherlands

15:30 – 15:45 **Maria Jaen, Enagas**: GREEN HYSLAND: a BIG HIT for Mallorca, Spain

15:45 – 15:55 Q&A session with [BIG HIT](#), [HEAVENN](#), and [GREEN HYSLAND](#) project representatives

15:55 – 16:00 Forthcoming HTP webinars on deployment of H2 territory and valley projects and final remarks

The Hydrogen Territories Platform initiative is about sharing experience, lessons learned, and best practice from real projects in emerging Hydrogen Territories, for further information about the HTP please visit www.h2territory.eu This HTP webinar will be recorded, and a link to the recording and speaker slides will be sent to all registered participants after the event.

Source: <https://www.bighit.eu/events/2021/3/23/htp-webinar-sharing-experience>

HTP Webinar 2: Building your Hydrogen Valley Project

Wednesday 16 June 2021, 15:00-16:30 CET

The second Hydrogen Territories Platform (HTP) webinar of 2021 takes place on Wednesday 16 June. This event includes a great line-up of speakers who will provide experience and insights about developing real-world hydrogen projects. This HTP webinar will cover key aspects of building your Hydrogen Territory / Hydrogen Valley ideas and turning them into a project plan. It will also provide experiences from previous projects about putting together a consortium of suitable partners.

This event will be of interest to anyone seeking to develop their own Hydrogen Valley or Hydrogen Territory project, and will provide insights and lessons learned from the [BIG HIT](#), [HEAVENN](#), and [GREEN HYSLAND](#) projects, three of the leading FCH JU supported hydrogen valleys across Europe.

HTP2: building your H2 valley / island project ideas and consortium partners

Wednesday 16 June, from 15:00 – 16:30 (all times as CET)

15:00 – 15:05 **Jesús Simón, FHA**: Welcome and opening remarks:

15:05 – 15:15 **Mirela Atanasiu, FCH JU**: Hydrogen Valley ambitions across Europe

15:15 - 15:25 **Enrique Troncoso, Energy**: Building your Hydrogen Valley project: lessons learnt

15:25 – 15:35 **Ian Williamson, HyEnergy**: Developing your project financial plan

15:35 – 15:45 **Adele Lidderdale, Orkney Islands Council**: Engaging with the local community in Orkney

15:45 – 15:55 **Maria Jaen, Enagas**: Project promotion and links with local & regional agencies

15:55 – 16:25 Q&A session with speakers using [BIG HIT](#), [HEAVENN](#), and [GREEN HYSLAND](#) examples

16:25 – 16:30 Forthcoming HTP activities on deployment of H2 territory and valley projects

This webinar will be on Zoom and is free to attend, but [prior registration is essential](#).

The Hydrogen Territories Platform initiative is about sharing experience, lessons learned, and best practice from real projects in emerging Hydrogen Territories, for further information about the HTP please visit www.h2territory.eu

BIG HIT Dissemination and Exploitation Plan

Appendix 2: BIG HIT Dissemination Activities Planner. June to May 2022

A table of forthcoming events and dissemination opportunities was developed at the start of BIG HIT, and has been used throughout to assist the planning and prioritisation of the BIG HIT dissemination activities. With the increasing level of activity in hydrogen and fuel cells for clean transport, energy storage, and clean embedded generation this planner has been an essential tool to keep on top of all relevant events. The planner helps to avoid potential diary conflicts, and identifies availability of the most suitable BIG HIT partners for participation in dissemination and exploitation activities.

Event Date	Organiser	Event	Location	Info and Links
16 June 2021	HTP2 webinar	Sharing Lessons Learned	Online	Building your H2 valley / island project ideas and consortium partners
7 Sept 2021	Climate Change Solutions	International H&FC conference	NEC, Birmingham	Well established annual conference, ET speaking and SHFCA chair
3-9 Sept 2021	OISF	Orkney International Science Festival	Orkney	31 st OISF.
9 Sept 2021	HTP3 webinar	Sharing Lessons Learned	Online	Safety and technical design for H2 valley / island project
14-15 Sept 2021	f-cell	f-cell 2021 Energizing Hydrogen Business	Online	Annual conference with interactive sessions and trade fair. Speaking slot confirmed.
21-24 Sept 2021	HySafe/IAHS	ICHS2021	Online and in Edinburgh	Biennial top international conference on hydrogen safety.
22-23 Sept 2021	Cenex	Cenex-LCV	Online	Online conference & exhibition wity typically 5,000 attendees
13-14 Oct 2021	SHFCA	13 th Annual Conference	Online and in Edinburgh	Two day on-line event, will feature BIG HIT and Hydrogen Valleys
25-29 Oct 2021	EUSEW	EU Sustainable Energy Week	Online	Also Energy Days in Sept/Oct
1-12 Nov 2021	UN	COP26	SEC Glasgow	United Nations Climate Summit. Expect 30,000 delegates over 10 days. https://unfccc.int/
29 Nov – 3 Dec 2021	FCH JU	European Hydrogen Week	Online	Second year of EHW
8 December 2021	HTP4 webinar	Sharing Lessons Learned	Online	Commissioning and operational excellence for H2 valley / island projects
16-17 Mar 2022	ACI	Hydrogen & Fuel Cells Energy Summit	Porto, Portugal	5th annual H&FC Energy Summit
20-21 April 2022	BIGHIT	BIG HIT final conference	Orkney online	Plan as hybrid event

Table A2: Example of forward planner (June 2021) used for planning BIG HIT dissemination

This format concentrates on events over the next 12 months, and is used to help prioritise participation and attendance at events. This helped to maximise the overall impact of dissemination activities by avoiding duplication of project partners attending events where possible, making more effective use of partner time and dissemination budget. Many of the key events being attended by BIG HIT are been listed on the BIG HIT website, which has also helped to further raise awareness of the BIG HIT project and its outcomes.

BIG HIT Dissemination and Exploitation Plan

APPENDIX 3. BIG HIT Dissemination Activities for Impact. December 2016 to June 2021

The following table includes events attended by BIG HIT project members, together with events and activities organised by BIG HIT and the HTP.

The events include talks or presentations which included details about BIG HIT and the related hydrogen activities in Orkney. The number of people attending events and the key outcomes from the activity are included where available. In many events the main outcome is general awareness raising, which often leads to subsequent enquiries from press, media, or potential followers. Events involving other FCH JU projects have been particularly useful in helping to identify the potential links with other projects or consortia for sharing experience and lessons learned.

Event date	BIG HIT activity	Organiser	Event	Location	Activity delivered and outcomes
24 May 2016	All partners	FHA	Kick-off meeting	Kirkwall, Orkney	First meeting of all BIG HIT partners
14-16 June 2016	FHA & SHFCA	WHEC	World Hydrogen Energy Conference	Zaragoza, Spain	Presentation at WHEC2016 about H&FC local energy systems including BIG HIT concept.
31 Aug – 1 Sep 2016	FHA	SHFCA	SHFCA2016 annual conference	St Andrews, Scotland	FHA presentation on BIG HIT in the first day plenary conference session
22 Sept 2016	OIC, EMEC, CES, SHFCA	SHFCA	Orkney community engagement	Kirkwall, Orkney	Evening meeting in Kirkwall Town Hall with about 45 local residents attending
26 Oct 2016	ITM	HFC Nordic	HFC Nordic conference	Sandviken, Sweden	Presentation by Kris Olsen of ITM at HFC Nordic 2016 about BIG HIT building on Surf 'n' Turf project in the Orkney Islands of Scotland.
8 Dec 2016	SHFCA	NWBA	NWBA Annual Conference	Arnhem, Netherlands	Presentation about deployment of H&FC at locations across Scotland including BIG HIT in the Orkney Islands.
14 Dec 2016	SHFCA	GBF	Green Business Fife event on Energy Storage	Methil, Fife	Presentation about use of H&FC as part of local energy system with H2 used for energy storage from VRE such as wind with BIG HIT examples
25 Jan 2017	SHFCA	Transition Scotland	Low Carbon Transport and Local Energy Systems	ECCI, Edinburgh	Presentation to 150+ delegates from across energy sector in Scotland, strong interest.
7-8 February 2017	SHFCA	Reed Exhibitions	Energy Storage & Connected Systems	Olympia, London, UK	Presentation to 250+ delegates with 40 attending the workshop session
15-16 Feb 2017	SHFCA, EMEC, and FHA	SHFCA/FHA	Trade Mission from Scotland to Aragon	Spain: Zaragoza & Huesca	Very successful political and commercial links established with participation of Chris Stark from the Scottish Government as mission lead
23 Feb 2017	SHFCA	SPREEE	Cross-Party Group on 'Energy System Policy'	Holyrood, Edinburgh	Chris Stark, Scottish Govt Director of Energy presenting on new Energy Strategy
27 Feb 2017	SHFCA	ACC	Second ACHES HRS refueller opening	Aberdeen, UK	Network building with Aberdeen and links to the FCH JU hydrogen bus project
14 March 2017	FHA	Climate Change Solutions	Birmingham 2017 International HFC Conference	Birmingham, UK	Raised BIG HIT profile at leading England HFC event with 300+ delegates
15 March 2017	SHFCA	Scottish Cities Alliance	Aberdeen Hydrogen Summit	AECC, Aberdeen	High profile event and supply chain building
17 March 2017	SHFCA	HFC Supergen	Launch of Supergen White Papers 'Future Energy System' and 'Economic Impact',	City Hall, London	Opportunity to put questions about local energy system economic impacts to a mainly academic audience of about 80.
20 March 2017	SHFCA	ASLEE/HIE conference	Empowering Rural Industries	TIC, Glasgow	Presentation on Local Sustainable Energy Systems , awareness raising but no immediate outcome
4 April 2017	SHFCA	HJB Gateley	Sustainable Transport Seminar	Edinburgh, UK	Speaking at event with 60+ participants organised by legal company for clients, several good leads
5 April 2017	SHFCA	SHFCA-ETP	SHFCA member event 'Energy Storage'	Edinburgh, UK	Joint industry-academic event with over 100 delegates.
24-28 April 2017	ITM	H2FC Fair	Hannover Messe 2017	Hannover, Germany	H2FC Fair is the major trade event for Europe with very high visitor numbers

BIG HIT Dissemination and Exploitation Plan

5 May 2017	SHFCA	PSI Events	Greenfleet Scotland (trade only day)	Edinburgh	Included hydrogen vehicle seminar with H2-Kangoo on stand and 400 trade visitors
6 May 2017	SHFCA	PSI Events	Evolution Scotland (trade & public day)	Edinburgh	Display with H2-Kangoo, about 1500 public visitors to event
10-11 May 2017	FHA & SHFCA	Reed Exhibitions	All-Energy 2017	Glasgow, UK	5000+ visitors over 2 days Multiple sessions of interest, BIG HIT included in several presentations.
18 May 2017	EMEC & SHFCA	SPREEE	Cross-Party Group on 'Local Energy'	Holyrood, Edinburgh	Included presentation on progress with local energy systems in Orkney
31 May – 1 June 2017	SHFCA	Univ of Birmingham	Fuel Cell & Hydrogen Technical Conference 2017	Birmingham, UK	Several sessions of interest and positive feedback from academic participants
1-30 June 2017	EMEC	EU	EU Sustainable Energy Month	Europe	Including Energy Day events in Orkney Islands for public outreach
8 June 2017	SHFCA	SHFCA	SHFCA member event on Transport	Methil, Fife, Scotland	Event programme includes profile for BIG HIT activities in Orkney
13 June 2018	SHFCA & EMEC	Scottish Govt.	Round table	Brussels	Event with Scottish Energy Minister & invited EU delegates for wider profile
19-23 June 2017	SHFCA	EUSEW	Events in EU Sustainable Energy Week	Brussels	Raising general BIG HIT profile and networking
21-22 June 2017	All partners	BIG HIT	BIG HIT Steering Committee Meeting	ITM Power, Sheffield, UK	Review and planning event for all BIG HIT partners
9-12 July 2017	FHA	WHTC	7th World Hydrogen Technology Convention (WHTC)	Prague, Czech Republic	Prestigious technical conference with FHA giving academic paper about BIG HIT approach & modelling
19 July 2017	SHFCA	Royal Society	Workshop on Green Hydrogen	London	50 attendees for academic workshop using Orkney as exemplar for local energy system
13-Sept 2017	SHFCA & EMEC	OISF	Orkney International Science Festival	Kirkwall, Orkney Islands	About 100 attendees for public lecture, very good Q&A and public outreach success including radio interview
27 Sept 2017	EMEC & CES	Surf 'n' Turf	Surf 'n' Turf Launch Event in Kirkwall	Kirkwall, Orkney Islands	BIG HIT launch rescheduled to May 2018 in Kirkwall
11-12 Oct 2017	EMEC	SHFCA	SHFCA 9 th Annual Conference	Glasgow, TIC	Scottish Energy Minister opening keynote, with about 100 delegates over 2 days
24 Oct 2017	ITM	Dual Ports	Marigreen conference on Green Ports and Shipping	Kirkwall	About 35 attendees, building links with other port locations across Europe
15 Nov 2017	SHFCA	FCH-JU	Regions & Cities General Assembly	Brussels	Attended to identify replication opportunities, build links with other FCH JU projects
19-21 Nov 2018	EMEC & FHA	Scottish Govt host	Arctic Circle Forum	Edinburgh	300+ delegates from across North Sea & Arctic regions
22-Nov-2017	SHFCA & FHA	FCH-JU	Stakeholder Forum	Brussels	BIG HIT networking with industry and academic contact to identify replication opportunities
23-24 Nov 2017	SHFCA & FHA	FCH-JU	Program Days &?	Brussels	BIG HIT networking with other FCH JU projects and building links for sharing experience
11-13 Dec 2017	SHFCA & EMEC	HFC Supergen	2017 Researcher Conference	St Andrews, Scotland	Both SHFCA and EMEC presentation included reference to BIG HIT at this academic event.
24-25 Jan 2018	SHFCA & FHA	Acieuf Conf	Hydrogen & Fuel Cells Energy Summit	Brussels	Both SHFCA & FHA talks include BIG HIT at industry focussed event with 150+ delegates and high level of networking
6-7 Feb 2018	SHFCA	Reed Exhibitions	Energy Storage & Connected Systems	Olympia, London	BIG HIT in talk for 250+ delegates, useful networking and leads.
13 Mar 2018	SHFCA	Climate Change Solutions	Conference 'HFC Gearing up for Commercialisation'	NEC, Birmingham	200+ delegates for this well established event, useful networking with strong interest from Eire.
9 Mar 2018	SHFCA	RB/R&C	Regions & Cities Workshop	London	Presentation to about 50 delegates at workshop organised by Roland Berger as part of the Regions and Cities development.

BIG HIT Dissemination and Exploitation Plan

14-16 Mar 2018	SHFCA	EHEC	European Hydrogen Energy Conference, EHEC 2018	Malaga, Spain	About 150 delegates for this new event. Very positive side meeting with about hydrogen valley opportunities across Spain.
19 Mar 2018	SHFCA	U of Edin	MSc Renewable Energy lecture	Edinburgh	Lecture to about 50 MSc students on Renewable Energy course about BIG HIT
23-27 April 2018	DTU	Tobias Renz	H2FC Fair within Hannover Messe 2018	Hannover, Germany	DTU presentation about BIG HIT at this premier industry event (100,000+ overall attendees)
2-3 May 2018	SHFCA H2 Pavilion	Reed Exhibitions	All-Energy 2018	Glasgow	BIG HIT Press Day at the H2 Pavilion, with BIG HIT H2 trailer on the showfloor and FM visit during this premier event (5,000+ attendees)
4-5 May 2018	H2 Zone	PSI Events	Greenfleet Scotland	Edinburgh	Attended H2 Zone display with public day on 5 May
15 May 2018	All partners	BIG HIT	Launch Event & Dinner	Kirkwall, Orkney Islands	Very successful BIG HIT launch event with keynote by Bart Biebuyck of the FCH JU and 80 delegates
16 May 2018	All partners	BIG HIT	Shapinsay visit and Hydrogen Territories Platform launch	Kirkwall, Orkney Islands	Visit to Shapinsay with about 30 delegates followed by HTP launch session in Kirkwall
4 June 2018	SHFCA	Scottish Govt	Round Table briefing	Scotland House, Brussels	Presentation about BIG HIT to 30 delegates including Scottish Energy Minister
5 June 2018	SHFCA & FHA	EU	EU Sustainable Energy Week Policy Conference	Brussels, Belgium	Presentation with BIG HIT at HyER organised side event, also extensive participation in EUSEW networking events.
6 June 2018	SHFCA & FHA	EU	EU Sustainable Energy Week Policy Conference	All EU locations possible	EUSEW policy conference presentations by BIG HIT and participation in the Energy Fair with BIG HIT display stand.
14 June 2018	SHFCA	TS	Transport Summit	Glasgow	Presentation about opportunities for H&FC for local energy and transport decarbonisation with BIG HIT examples for road & marine
14-18 June 2018	EMEC & CES	BIG HIT & Dual Ports	Marigreen conference on Green Ports and Shipping	Kirkwall	The second Marigreen conference in Kirkwall, building links with other port locations across Europe
17-22 June 2018	FHA	WHEC 2018	World Hydrogen Energy Conference	Rio De Janerio, Brazil	BIG HIT presentation by FHA at this premier international technical conference.
28 June 2018	SHFCA	NR	Network Ruhr H2 workshop	Essen, Germany	Workshop for industry in Essen/Ruhr for about 50 delegates including BIG HIT update.
6 Sept 2018 17:15-18:15	CES	OISF	Orkney – Islands of Energy	Kirkwall, Orkney Islands	CES speaking in OREF panel at Orkney International Science Festival event
8 Sept 2018	EMEC & OIC	OISF	Hydrogen – Driving Forward (part of Family Day events)	Kirkwall, Orkney Islands	Both OIC and EMEC speaking at the Orkney International Science Festival family day.
12 Sept 2018	All BIG HIT partners	FHA	BIG HIT General Assembly	Brussels	Project coordination and planning
13 Sept 2018	All BIG HIT partners	FCH-JU	BIG HIT mid-term review	Brussels	Project review with FCH JU
17 Sept 2018	FHA	EU	EU High Level Energy Conference	Linz, Austria	BIG HIT was one of 4 EU projects selected to present at this high level policy conference.
18-19 Sept	FHA	F-Cell	F-Cell Conference	Stuttgart, Germany	F-Cell is one of the premier conference and exhibitions with about 500 delegates.
26 Sep 2018	OIC	SHFCA	SHFCA2018 Annual Conference	Dundee	10 th Annual Conference with 100+ delegates. OIC presenting about BIG HIT.
27 Sept 2018	SHFCA	Sino-bridge	Briefing event for China delegation	Edinburgh	Presentation about H&FC local energy systems and BIG HIT experience / opportunities for about 35 delegates from China
3 Oct 2018	SHFCA	IEMA-CIBSE	Joint IEMA and CIBSE event on low carbon	ECCL, Edinburgh	Presentation about local energy with H&FC for built environment and low carbon / air quality benefits for about 50 IEMA/CIBSE members.
3-4 October 2018	EMEC	Maritime Association	Maritime Association Sogn & Fjordane	Floro, Norway	EMEC speaking about BIG HIT at the 3 rd International conference on marine renewable energy and hydrogen

BIG HIT Dissemination and Exploitation Plan

9 Oct 2018	SHFCA	FCH-JU	Regions & Cities Phase 2	Brussels, Belgium	BIG HIT attendance to identify potential replication opportunities with regions & cities.
10 Oct 2018	SHFCA	FCH-JU	H2ME Round Table workshop	Brussels, Belgium	BIG HIT contribution to discussions about local energy systems approach contribution to H&FC transport decarbonisation.
16-18 Oct 2018	EMEC	Cogiton	Power 2 Gas Conference	Copenhagen, Denmark	First edition Power to Gas conference with presentation about BIG HIT
19-21 Oct 2018	FHA	Arctic Circle	Arctic Circle Assembly	Reykjavík, Iceland	Presentation about BIG HIT by FHA at this high level conference with senior politicians
30-31 Oct 2018	EMEC	Ocean Energy	Ocean Energy Europe	EICC, Edinburgh	Presentation about BIG HIT identifying the potential links with offshore renewables
6 Nov 2018	FHA	Swiss Competence Center	Energy Research, Heat and Electricity Storage (SCCER HaE) 7th Symposium	Rapperswil, Switzerland	Presentation by FHA about lessons learned and skills development opportunities to about 80 delegates, many from academic sector.
8 Nov 2018	SHFCA	HyLaw	UK Workshop	City Hall, London	Attend and contribute BIG HIT experience with deployment of electrolyser in Orkney to FCH JU HyLaw project workshop.
14-15 Nov 2018	SHFCA	FCH-JU	Programme Review Days	Brussels, Belgium	Attend PRD to identify links with other FCH JU projects and potential joint activities with BIG HIT
16 Nov 2018	SHFCA	FCH-JU	11 th Stakeholder Forum	Brussels, Belgium	Attend Stakeholder Forum to build wider network contacts for replication and dissemination opportunities
5 Dec 2018	SHFCA	NOW/NIP	NIP General Assembly	Berlin	Give BIG HIT presentation at NIP General Assembly 2018 to about 200 delegates with a focus on market activation.
30 Jan – 1 Feb 2019	SHFCA	HFC Supergen	Researcher conference	Warwick, UK	Presentation to a mainly academic audience of about 150 delegates about the practical use of H&FC in local energy systems based in BIG HIT
5-6 Feb 2019	SHFCA	Reed	Energy Storage & Connected Systems	Olympia, London	Presentation about benefits of H&FC as part of local energy systems approach using hydrogen storage and as clean energy vector.
6-7 Feb 2019	SHFCA	ACI	Hydrogen & Fuel Cells Energy Summit	Madrid, Spain	Presentation to mainly industry audience of about 100 delegates about experience from BIG HIT with focus on H2 transportation.
19 March 2019	SHFCA	Climate Change Solutions	15 th International Hydrogen and Fuel Cell Conference	NEC, Birmingham	Presentation about progress with H&FC deployment at UK premier event including examples from BIG HIT in Orkney
27-28 March 2019	FHA	FCH JU & Mission Innovation	Workshop on Hydrogen Valleys for the energy transition	Antwerp, Belgium	FHA presentation on Hydrogen Territories / Valleys about BIG HIT Project as a pilot for Europe at two-day workshop.
29 Mar 2019	SHFCA	SMC	Scottish Maritime Cluster workshop	HWU, Edinburgh	Presentation about H&FC activities with BIG HIT in Orkney focus on marine transport of H2 and building evidence for safe transport of H2.
1-5 April 2019	EMEC & SHFCA	HFC Fair	Hannover Messe	Hannover, Germany	Presentations by EMEC and SHFCA in the Smart Energy Systems showcase on afternoon of 3 April. About 100 delegates seated, many others passing.
11 Apr 2019	SHFCA	HySAFE	Preliminary visit as prep for ICHS2021	Edinburgh	Briefing for HySAFE conference committee about H&FC safety activities in Scotland including BIG HIT on maritime regulations.
9 May 2019	SHFCA	KTN	Pitch event for local energy systems	Apex, Edinburgh	Pitch about H&FC local energy systems including BIG HIT Orkney examples
16 May 2019	CES, EMEC, FHA, SHFCA	All-Energy	All-Energy 2019 Conference & Exhibition	SEC, Glasgow	Multiple presentations by BIG HIT partners in sessions and in the showfloor H&FC and Community Energy theatres. 6,000+ delegates.
1 June 2019	SHFCA	SWA	Scottish Wholesale Association Annual Conference	Crieff	Presentation about low carbon logistics to SWA member conference with examples including BIG HIT in Orkney
6 June 2019	SHFCA	SPREEE	Scottish Parliament CPG for Renewable Energy	Holyrood, Edinburgh	Presentation about local energy systems and low carbon with H&FC based on examples including Orkney BIG HIT
18 June 2019	SHFCA	COGEN	EUSEW side event on CHP efficiency	Brussels, Belgium	Presentation and discussion panel with about 50 delegates about deployment of H&FC examples including BIG HIT in Orkney

BIG HIT Dissemination and Exploitation Plan

20 June 2019	SHFCA	EUSEW	EUSEW Policy Conference session	Brussels, Belgium	Presentation about BIG HIT for EUSEW Policy Conference session followed by Q&A
11 July 2019	SHFCA	GBF	Green Business Fife workshop on Zero Carbon Logistics	South Queensferry, Fife	Workshop with SEPA and GBF industry members including Diageo about zero emission logistics.
4 Sept 2019	SHFCA	Cenex	Cenex-LCV Low carbon vehicles event	Millbrook, UK	Presentation about local energy systems for low carbon mobility with examples from BIG HIT at premier industry event with 5,000+ delegates
1 Oct 2019	SHFCA	ERM/PBD	Hydrogen Supply Chain event	Hilton, Aberdeen	Event to promote awareness of opportunities for oil/gas companies to become involved in the clean hydrogen supply chain.
2 Oct 2019	SHFCA	SHFCA	SHFCA2019 Annual Conference	Hilton, Aberdeen	BIG HIT participation and high profile during the conference and also subsequent TAP2G
3-4 Oct 2019	EMEC, FHA & SHFCA	EMEC & SHFCA	Trans-Atlantic Power-to-Gas (TAP2G)	Hilton, Aberdeen	FHA presentation about BIG HIT example of P2G and participation in workshop sessions over 2 days with about 80 participants.
25 Oct 2019	SHFCA	H2ME	Hydrogen Mobility Europe final event	Hamburg	Participation and networking at the FCH JU supported H2ME closing conference to identify links and replication opportunities
28 Oct 2019	SHFCA	NFUS	National Farmers Union event for Aberdeenshire	Oldmeldrum	Evening event attended by about 40 local farmers to hear examples from Orkney BIG HIT and replication opportunities.
4 Nov 2019	SHFCA	Sino-bridge	Briefing event for China National Bureau of Statistics	Edinburgh	Presentation including BIG HIT local energy examples for delegation of about 30 from China National Bureau of Statistics
6 Nov 2019	CES & SHFCA	CNeS	Hebridean Hydrogen Committee	Stornoway	Presentations from SHFCA and CES about H&FC replication opportunities in the Western Isles based on BIG HIT experience
14 Nov 2019	SHFCA	BHA	British Hydropower Association annual conference	Glasgow	Presentation about use of H&FC in local energy systems including BIG Hit for hydrogen production, storage, and transportation.
19-20 Nov 2021	SHFCA	WEC	World Energy Council workshop on H2	ENA, London	Two day workshop with about 40 delegates from Europe, Russia, and US
20 Nov 2019	FHA & SHFCA	FCH JU	FCH JU Annual Awards	Brussels, Belgium	BIG HIT awarded Best Outreach Award 2019
21 Nov 2019	FHA & SHFCA	FCH JU	FCH JU Stakeholder Forum	Brussels, Belgium	Annual event networking with 300+ participants to identify links and replication opportunities
22 Nov 2019	SHFCA	ErdGas	Briefing event for media and journalists	Aberdeen	Visit to inform press and media from Germany about progress being made in Scotland with H&FC deployment such as BIG HIT
4 Dec 2019	SHFCA	HAN	HAN University Hydrogen Lab Opening	Arnhem	Presentation about BIG HIT development and deployment of H&FC in local energy systems at opening of the HAN H2 facility
16 Jan 2020	SHFCA	SEPA/UN EP	Sustainable Finance Round Table	Surgeons Hall, Edinburgh	About 40 invitees at workshop, strong interest in BIG HIT local approach.
22 Jan 2020	SHFCA	ETP	Zero Emission Mobility Public Sector Challenge Event	TIC, Glasgow	Energy Technology Partnership event with academic and public sector attendees
13 Feb 2020	SHFCA	Scottish Govt	Networks Vision Summit	Glasgow	Attended and contributed to workshops with BIG HIT examples for development and deployment of hydrogen in local energy system
19 Feb 2020	SHFCA	SHFCA	Sustainable Investment for Net Zero Workshop	ECCI, Edinburgh	Attended and chaired afternoon seminar on investment for clean hydrogen and fuel cells
20-21 Feb 2020	SHFCA	HWU	IDRIC workshop	Heriot-Watt, Edinburgh	Attended workshop with about 60 delegates on industrial decarbonisation to raise profile of Hydrogen Valley approach.
23 Feb 2020	SHFCA	SPREEE	Scottish Parliament CPG meeting on Energy Transition	Holyrood, Edinburgh	Joint SPREEE/Oil&Gas CPG meeting on energy transition challenges and opportunities
25 Feb 2020	SHFCA	NOF	Supply Chain Event	Crowne Plaza, Glasgow	Attendance at the Supply Chain Event with 200+ delegates and networking opportunities.
4-5 Mar 2020	SHFCA	ACI	Hydrogen & Fuel Cells Energy Summit	Lisbon	4th annual H&FC Energy Summit attended by 100 delegates. BIG HIT presentation and also chairing workshop session.

BIG HIT Dissemination and Exploitation Plan

17 Mar 2020	SHFCA	Climate Change Solutions	16 th International HFC Conference	NEC, Birmingham	Attended networking on 16 March but the BIG HIT presentation on 17 March cancelled due to announcement of lockdown by UK Government on 16 March. Last in-person event of 2020
24 June 2020	SHFCA	FCH JU	EUSEW FCH JU session	Online	BIG HIT presentation on Green recovery for Islands in EUSEW Policy Conference
9 July 2020	SHFCA	PESGB	Petroleum Exploration Society GB webinar	Webinar	Webinar for PESGB on the opportunities with hydrogen for the clean energy transition including BIG HIT local energy systems
27 Aug 2020	SHFCA	SHFCA	Webinar on Meeting 2030 Ambitions with Hydrogen	Online	BIG HIT profile raised at webinar on Meeting Scotland's 2030 Ambitions with Hydrogen which achieved over 450 registrations
1 Sept 2020	SHFCA	BritCham Singapore	British Chambers Singapore H2 event	Webinar	Presentation about H&FC deployments across Scotland including BIG HIT for mainly industry audience in Singapore
1 Sept 2020	SHFCA	PIG	Pipeline Industries Guild 'H2 Pipelines'	Webinar	Presentation about opportunities for hydrogen production at local level to scale up using BIG HIT examples
3-9 Sept 2020	EMEC & OIC	OISF	Orkney International Science Festival	Orkney	30 th edition of the OISF with reduced event programme due to Covid.
23 Sept 2020	FHA & SHFCA	BIG HIT	HTP Launch Webinar @ 15:00 CET	Webinar	Over 150 registrations from around the world for HTP Launch webinar
7 Oct 2020	SHFCA	Korean Govt	Korean International H2 Conference	Seoul & online	Presentation in session on 'Global trends and outlook for hydrogen mobility' with local clean mobility examples including BIG HIT.
8 Oct 2020	-	Mission Hydrogen	H2 Online Conference	Online 24-hour conference	New online event for 2020, achieved >10,000 registrations, very high profile (one to watch)
14-15 October 2020	SHFCA & FHA	SHFCA	12 th Annual Conference	Online conference	SHFCA2020 conference was an online event, with >500 registrations. FHA presentation about BIG HIT in Session 3.
27 Oct 2020	SHFCA	LBS	London Business School Alumni	Webinar	Presentation including BIG HIT example to about 150 LBS alumni across Europe
27 Oct 2020	SHFCA	NOF	NOF Engage event for Teesside industry	Webinar	Presentation including BIG HIT example to about 50 industry contacts from Teesside
30 Oct 2020	SHFCA	DIFA	DIFA Daefu Korea conference	Online conference	Presentation including BIG HIT example to about 100 industry contacts in Korea on clean mobility and hydrogen topics
6 Nov 2020	SHFCA	IESA	India Energy Storage Conference	Online conference	Presentation in session on 'Technological readiness of hydrogen storage for stationary and EV applications' with BIG HIT examples
17 Nov 2020	SHFCA	AHC	Australia Hydrogen Council annual conference	Online conference	Presentation in AHC2020 conference about H&FC deployment in Scotland with BIG HIT local energy system examples.
23-27 Nov 2020	-	FCH JU	European Hydrogen Week	Online	BIG HIT attended FCH-JU Programme Review Days & Awards for networking opportunities, made contact with EverywH2ere project.
10 Dec 2020	SHFCA	SR	Scottish Renewables Hydrogen Seminar	Webinar	Presentation at SR event for about 50 delegates including lessons learned from BIG HIT deployment in Orkney.
29 Jan 2021	SHFCA	NFUS	National Farmers Union Scotland	Webinar	Aberdeenshire NFUS section with about 80 attendees at webinar on local replication based on BIG HIT deployment in Orkney.
16 Feb 2021	SHFCA	SDI	Scotland trade mission to Normandy, France	Webinar	Presentation to about 30 industry contacts in France about H&FC opportunities with BIG HIT examples from Orkney.
2 March 2021	SHFCA	SPREEE	Scottish Parliament CGP meeting	Webinar	Presentation to CPG meeting on hydrogen for renewable energy into zero emission heat including examples from BIG HIT
4 March 2021	SHFCA	RHA	Renewable Hydrogen Association (USA)	Webinar	Briefing for about 35 RHA members in Oregon and California about Scotland H&FC deployments including BIG HIT.
23 March 2021	FHA & SHFCA	HTP1 webinar	Sharing Lessons Learned	Webinar	First in series of 4 HTP webinars about sharing experience from BIG HIT, HEAVENN, and GREEN HYSLAND
25 March 2021	SHFCA	Mission Hydrogen	H2 Online Workshop Keynote	Online 24 hour event	Keynote presentation after Scottish Minister at 14:00 as part of 24 Hour series of keynote and workshops with >15,000 registrations

BIG HIT Dissemination and Exploitation Plan

30 March 2021	SHFCA	Aberdeen Univ	Lecture to MSc Students	Webinar	Presentation to about 35 students with detailed examples from H&FC projects across Scotland including BIG HIT
13 Apr 2021	SHFCA	H-Messe Germany	Hannover Messe Online	Online conference	Presentation and panel discussion about hydrogen as part of the low carbon energy system at the prestigious HM event.
14 Apr 2021	SHFCA	ENU	Wind & Solar conference	Online conference	Presentation on use of H&FC to capture energy from VRE sources, using hydrogen for storage and transportation up to large scale
22 Apr 2021	SHFCA	Smart Energy	Smart Energy Canada Hydrogen webinar	Webinar	Presentation with examples from deployment of H&FC local energy systems across Scotland including BIG HIT
27 Apr 2021	SHFCA	ENAA Japan	Energy Networks Association H2 event	Online conference	Presentation to an industry and technical audience about hydrogen role in energy system as clean energy vector and storage.
27 Apr 2021	SHFCA	REHIS	REHIS Air Quality webinar	Webinar	Update about the deployment of H&FC as part of tackling 'hard to treat' GHG emissions and pollution from road & marine transport
6 May 2021	SHFCA	EU Regions	European Regions for Smart Communities	Online conference	Presentation about BIG HIT approach and scaling up with examples including HEAVENN and GREEN HYSLAND.
18 May 2021	SHFCA	CeeD	CeeD member event on Scaling Up H2	Webinar	Presentation about BIG HIT approach in Orkney and scaling up with HEAVENN and GREEN HYSLAND sharing lessons learned.
18 May 2021	SHFCA	GenComm	Webinar on Sharing Project Experience	Webinar	Presentation about BIG HIT approach in Orkney and scaling up with HEAVENN and GREEN HYSLAND sharing lessons learned.
31 May 2021	SHFCA	Aberdeen Univ	Centre for Energy Transition launch	Online conference	Presentation to about 100 industry and academics from Aberdeen area on H&FC for clean energy transition with BIG HIT example
15 June 2021	SHFCA	POCF	Port of Cromarty Firth community briefing	Online meeting	POCF session for briefing local community and stakeholders about hydrogen with presentation about BIG HIT as example of the activities undertaken in Orkney
16 June	SHFCA	SHFCA & FHA HTP2	HTP2 webinar on building project plan	Webinar	HTP webinar with over 100 registrations and 6 speakers covering key aspects of building the project plan and consortium