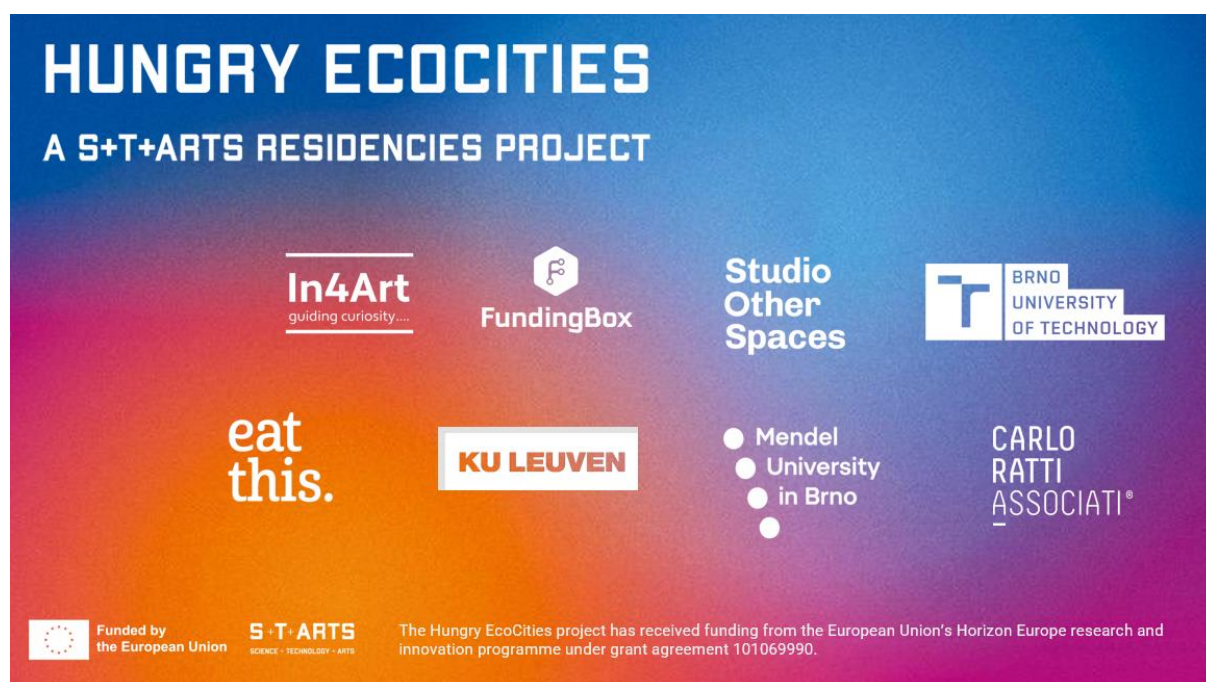




Deliverable 5.13 Knowledge Hubs impact report

Grant Agreement Number	101069990
Project title	Hungry EcoCities
Start date of the project	Sep 1 st 2022
Duration of the project	42 months
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WP leader:	Lija Groenewoud van Vliet + In4Art
Lead author:	Stephan Petermann + Stichting Nethwork
Reviewers:	Pavel Smrz + Brno University of Technology

Objective of the deliverable

Knowledge Hubs impact report: reporting on how the three creative studios developed and elaborated the Knowledge Hubs throughout the project to enrich the three visions and how the visions will contribute to the Hungry EcoCities achievements after the project impact.

History of changes

Date	Version	Author	Comment
20.06.24	0.1	Klara Kaluzikova	Setup of deliverable
6.01.26	0.2	Lija Groenewoud van Vliet	First input on chapter structure and content
06.02.26	0.3	Eva Mikkelsen	Input on SOS knowledge Hub
08.02.26	0.4	Monika Love	Input on CRA knowledge Hub
12.02.26	0.5	Stephan Petermann	Full draft
17.02.26	0.6	Lija Groenewoud van Vliet	Review
23.02.26	0.7	Pavel Smrz	Review
26.02.26	1.0	Stephan Petermann	Final version

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1. Abstract

This deliverable reports on how the three creative studios developed and elaborated the Thematic Knowledge Hubs throughout the project to enrich the three visions. It builds upon D1.1 Thematic knowledge hubs, which reported on the following three formed hubs:

- 1/ Knowledge Hub Carlo Ratti Associati (CRA) in Turin, Italy, with the vision of City+Farming Synergies
- 2/ Knowledge Hub Studio Other Spaces (SOS) in Berlin, Germany, with the vision of Local Conditions
- 3/ Knowledge Hub EatThis in Westland, the Netherlands, with the vision of Mega Scale

The knowledge hubs gave essential input to defining WP4, and contributed to the other workpackages throughout the development process. The studios continued to explore their themes as they resonated within the development processes of the HTE and PPE experiments and worked closely also in the mentoring with the art-driven innovation partner In4Art. While each studio had its own particular trajectory over the course of the development of the HUB, the dramatic expansion of the role and importance of generative AI that became apparent during the course of the work had a profound impact. During this process, it became clear that knowledge aggregation is both essential and very fragmented in its nature. Knowledge HUBs retained most through an expansive network of researchers, companies and creatives. More detailed information about feedback to the HTE/PPE will be provided by studio.

For EatThis this meant that the impact of the knowledge hub lies in the practical experience of working with new Generative AI development, unlocking both its promise and current shortcomings, as well as access to a wide range of network partners. This created a deeper awareness throughout the network on the potentials of creative development in combination with AI. For CRA, the development formed an important foundational element in the overall studio's conceptual development, which they were able to aggregate and showcase in projects like the Venice Architecture Biennale. For SOS, the impact is also established through formal and informal events and also new project work.

The studios together, amongst others, hosted Future Talks in which they reconnected with initial interviewees and invited them to reflect on the progress they have made and what that tells us about the food system development at large. CRA also developed a film that captures different elements of the knowledge hubs. As a final moment of knowledge exchange and seeking further spin-offs and follow-ups, a grand gathering was planned in which studios, universities, artists and companies were brought together in workshops to promote sustained continuations.

Team members can be found in Annex 1.

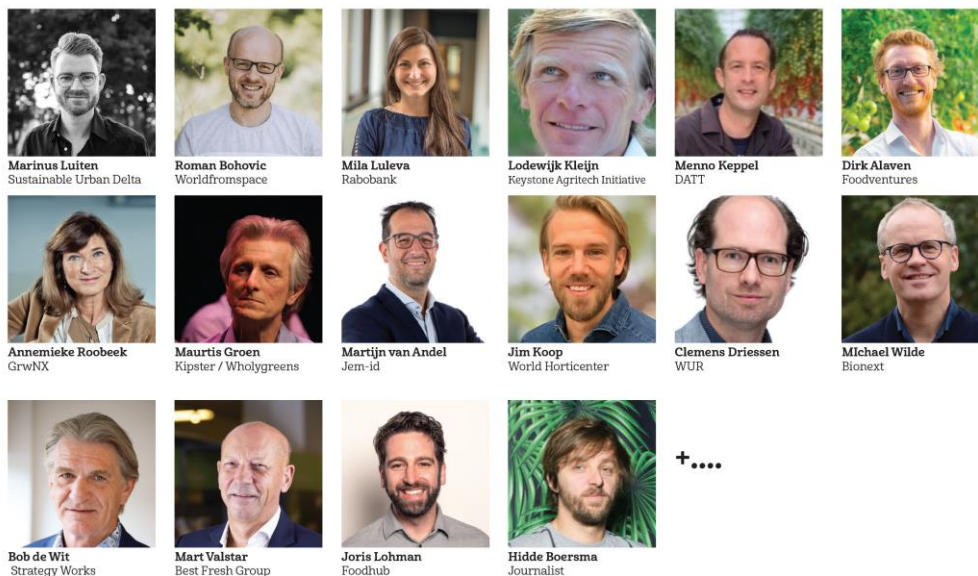
2 Knowledge Hubs Impact.

The main objective of the Hungry EcoCities Knowledge Hubs with thematic experts was defined in D1.1 as access to experts who support the art-driven projects with tools and expertise from both the industry and academia. The expectations were that this would support the knowledge sharing, reflections and insights for the larger food domain and contribute to the spill-over opportunities for the experiments developed within the two experiment rounds.

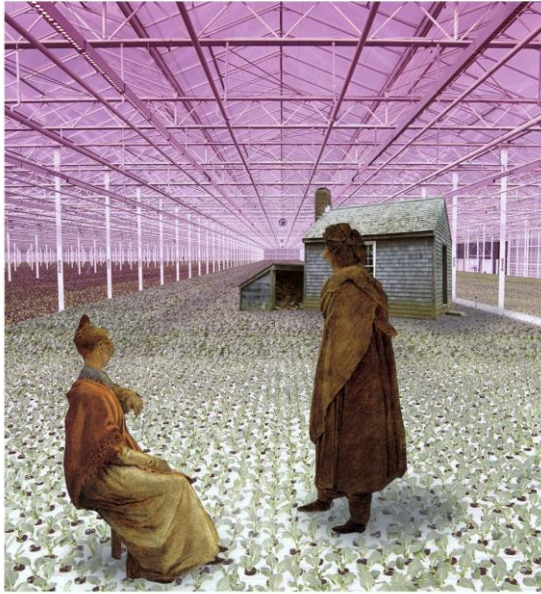
The development of the knowledge Hubs was pursued through formal and informal check-in moments with the experts recognised in the WP1 development.

2.1 Insight in Knowledge Hub development EatThis

EatThis initial thematic development focused on the role of scale in food systems, seeing the overlap with the competences of architects and designers whose main centre of knowledge arguably revolves around knowing scale. Hunches about ways of rethinking and researching the scale of food systems led through interviews with industry experts towards potential projects directions that included the role of new remote sensing technology, high tech food production systems, and data aggregations models. The insights were shared during an unconference session / seminar held by EatThis in the first project period as well as in shared studio sessions as part of the consortium meetings. The experts highlighted the crucial role of scale and scaling in innovation; how thin economic margins and large cost effects through industrial processes shape the food system in daily life; looked at the consequences of standards and standardization processes, including customer expectations and reliability / safety concerns and their concerns regarding climate change. These insights were used as critical background reference materials during the PPE/HTE development directions highlighting the economic and the role of industries



RK/SP STATE OF THE ART: INITIAL INTERESTS



Hungry Ecocities, Interview Round-up

Eatthis.

5. THE PERMACULTURE / ECOMODERNISM STANDOFF

We can currently recognise a large societal standoff between those who believe in tech driven innovation in agriculture (aka the 'eco-modernists') and those who reject the influence of modern technology and advocate living in closer harmony with nature by i.e. adhering to the principles of permaculture.

Are both strains at really at odds with each other or is an eco-modern permaculture or a permaculture eco-modernist garden feasible? Could we explore if a hybrid model is feasible? What would it bring, look like or operate? What would be grown? What spaces would it inhabit?

Expertise needed:

- Ecomodernists and permaculturalists (of course!)
- Biologistics / Plant Sciences, cultivation experts.
- Food economists.
- ...

INSIGHTS: THE GIGAFACTORY

Initial findings

- In general feedback is polarized: some interviewees hate the idea of the gigafactory, others so it as a potential solution. Some propose it to become its own architectural typology like the shopping center, airport, etc. Also IKEA is proposed as a prototype to consider, as well as the A7 Agriport area.
- There is overall agreement on the need to address scale when considering urban food production. Current small scale urban initiatives will not suffice in significantly addressing an urban context and consumption patterns.
- Currently urban indoor growing is taking a bit hit in valuation. The scale of investment has been extremely high thanks to great framing and branding connecting tech, food and urban culture.
- There is resistance in getting planning permissions in large scale production facilities in general in different areas in the world.

Hungry Ecocities, Interview Round-up

Opportunities

- Most benefits are considered in the mixing of different production types in a single building/complex, i.e. mixing life stock production, alt. proteins and conventional CEA production. This includes the use of waste streams, energy needs, production management, etc.
- Expanding the notion of the production facility into its own urban / peri-urban settlement structure, integrating more with city functions (by including other building types, and programs i.e.) could be very beneficial in terms of planning permissions, positioning and investing opportunities.
- We should learn from the framing of urban indoor growing to attract different types of customers, investors and workers.
- The location of the Gigafactory remains a main subject of debate. Most likely any attempt at integrating it in the urban area will be impossible.

Eatthis.

Selected stills from the interview process by EatThis.

Knowledge Hub Interviewees

The interviewees were selected on their role on the intersection between large scale system expertise and innovation in the food domain. Interviewees were consulted during the development process when relevant in each HTE/PPE project and most of them joined and shared insights during Future Talks session (see future Talks section) The interviews were largely done in person or online.

Green urban agricultural development: Marinus Luiten (Sustainable Urban Delta), Dirk Alaven (Foodventures), Annemieke Roobeek (GrwNX), Lodewijk Kleijn (Keystone Agritech Initiative)

Remote sensing & food tracking: Roman Bohovic (Worldfromspace), Mila Luleva (Rabobank), Menno Keppel (DATT).

Large scale Circular / sustainable farming: Maurtis Groen (Kipster / Wholygreens), Martijn van Andel (Jem-id), Jim Koop (World Horticenter), Michael Wilde (Bionext), Bob de Wit (Strategy Works),

Trade: Mart Valstar (Best Fresh Group),

Cultural development Hi/Low tech farming: Joris Lohman (Foodhub), Hidde Boersma (Journalist), Clemens Driessen (WUR)

HTE/PPE Activation

The results of the matchmaking process with applicants in the HTE and PPE phases of the project were at points less immediate than anticipated and the developed projects only circumstantially and indirectly were able to connect to mega scale. Nonetheless they worked in the creative process where the on the ground realities of industries sharpened artists in their own experience and knowledge. The impressive new capabilities of generative AI led to equally interesting knowledge production. Knowledge was collected about the possibilities and impossibilities of AI; what it's good at and what not. I.e. in the Vegetable Vendetta HTE we extensively looked for ways in which highly specific data could be rendered into detailed visual tracking of food products, realizing in the process that the qualities of AI lie in opposition: being good at averages. Working with Damian Alexaner led to more experimentation with gen AI and the role of authorship in creative writing, where working with Jo Kroese led to fundamental insights related to the social working of companies and the implementation of AI. The fact that we were working with the AI tools so earlier since them coming to market meant that it was relative equality in exploring their qualities between the mentors and the artists/designers.

Final Knowledge hub activation: Grand Gathering

As a final project activation EatThis organised the Grand Gathering on Feb 24th, 2026: an extended afternoon program of workshops, lecture and a special menu. Invited guests and participant represents different aspects of the food sector value-chain from seed production to trade, food innovation and finance (see Annex 2).

The initial research into the Megascale theme of the Knowledge HUB got a final articulation by EatThis in the shape of a special lunch menu that is based on large scale food production and the Dutch food system. This includes a lentil soup made in which each lentil represents a food related company, showcasing the complexity of the food system; a dish made from the daily food imports and exports from the Netherlands; and a carbon emissions budget based main course.

In three knowledge hub workshops during the Grand gathering focused on three HTE/PPE outcomes inviting a range of companies to learn both from the creative development trajectory and also table potential follow-up steps they see. The themes of the workshop included right tech solution development, the role of AI in knowledge intensive companies in the food sector, and AI development in marketing. They served as explicit invitations to other companies in the food sector to continue working with EatThis to retain the knowledge Hubs and encourage more expert exchange and community engagement. Finally, by inviting Carolyn Steel, the initial inspiration for the project-at-large, for a special lecture and feedback session, we were able to close, for now, the circle of the project.

Future Opportunities

For EatThis the Knowledge Hub's will continue to seek opportunities to remain active in connecting artists and designers with expertise in academia and the food sector. It also foresees publishing more about food systems and potential exhibition related follow-ups. The knowledge of generative AI and its capabilities continue to also materialize in less related projects in the design and exhibition sector. For the European Public we see that it's important that a realistic longer-term understanding of AI develops further between different knowledge partners. Through the extensive dissemination efforts and videos (also see D5.6 final PEDR), we feel this will be made visible to as many Europeans as possible. EatThis wants to consider making more insights from the theme accessible through more thematic mega lunches from wider audiences in which large scale food sector development remain at the heart.

2.2 Insight in Knowledge Hub development CRA

CRA-Carlo Ratti Associati's involvement in Hungry Eco-Cities builds on the studio's long-term research into the relationship between urban form, food systems, and resource flows, initiated around EXPO 2015 with the Future Food District project. Since then, CRA has explored, through both private commissions and research initiatives, how cities can integrate food production, distribution, and circular resource strategies to reduce environmental impact and improve resilience.

From vision to applied research and knowledge exchange

Within the Hungry Eco-Cities project, we aimed to explore how urban farming could shape spatial, social, and technological life of the city. The project vision set the target to look at agriculture as an urban planning tool that could reconnect citizens with the city and nature while strengthening community engagement through digital technology. More specifically, with HEC project with aimed to explore how producers and consumers could be linked to agriculture through AI-driven systems in local street markets, supermarket outlets, and foremost within buildings.



External experts, artists and HEC team brainstorming session at the studio

CRA's role in Hungry Eco-Cities extended beyond research and mentorship. The studio oversaw structuring the art-driven residencies and hosted the knowledge-sharing event in Turin during the HTE residency.

During the HTE residency, the research took on a more experimental and collaborative character, reflecting the studio's typically hands-on approach. We organised visits to the studio's factory, along with a series of workshops and informal lunch sessions that brought together the HEC core team, artist residents, and other members of the CRA team. Throughout the residencies, we also reached out to a network of external experts who contributed to the studio's vision and research, took part in the HTE Prototype Lab workshop, and shared their perspectives over the two-year process. Some of these conversations were recorded and later presented during the Future Solutions Talk in July 2025. During the PPE residency, our role was primarily that of creative mentors, offering guidance on the project's direction and sharing insights from previous experiences.



Visit to CRA prototyping factory and use of digital measuring tools

CRA studio's wider research framework

While a dedicated team closely supported both the HTE and PPE residencies as creative mentors, the studio's founder, Carlo Ratti, was appointed in December 2023 as curator of the 19th International Architecture Exhibition of La Biennale di Venezia 2025. Although urban farming is not listed as a standalone category, the Biennale strongly emphasises ecological intelligence, natural systems, collective engagement, and cross-disciplinary innovation — all of which provide a framework that naturally includes urban agriculture, food networks, and ecological resource integration in city design. In this sense, the Biennale's focus on climate, resources, and new ecological paradigms aligns closely with the Hungry Eco-Cities research, offering a broader intellectual context that connects the project to the contemporary architectural and urban discourse CRA continues to explore.



2025 International Architecture Exhibition of the Biennale di Venezia in which Carlo Ratti served as the director.

HEC project reflections and future opportunities

At the start of the HEC project, our ambitions were high: we aimed to prototype vertical farming solutions that could eventually be scaled and integrated into buildings. We pushed ourselves to embrace hands-on, collaborative experimentation, bringing together design, science, art, technology, and real-world business challenges. While these experiments generated many valuable insights, we did not reach an advanced prototype stage ready for integration into built infrastructure.

Nonetheless, the project provided important lessons in cross-disciplinary research, showing how experimental work can contribute to broader theoretical and design discourse. Moving forward, these insights can inform future projects and exhibitions, helping to advance ideas around urban agriculture, technological integration, and ecological urbanism.

2.3 Insight in Knowledge Hub development SOS

Since the beginning of the project and the establishment of the Knowledge Hub SOS, Germany, in 2022, the Assembly Team has continued to build on the research conducted by Studio Other Spaces (SOS) during the first phase of WP1 (end of 2022). This process further developed the vision for the SOS Knowledge Hub and informed its contribution to the Open Calls throughout the project.

Vision development and direction setting

In January 2023, the SOS Assembly Team developed the vision text, titled *Local Conditions*, defining the Knowledge Hub's direction for experimentation. This direction focused on local practices shaped by specific geographies and cultures, and their potential connections to global solutions. With *Local Conditions* as a clear guiding framework, SOS emphasised three key fields of investigation:

1. Making food cultures explicit and communicable
2. Incorporating sustainable food cultures into vocational and public education systems
3. Focusing on the aesthetic dimensions and enjoyment of food

The vision text was published in the *3 Directions Booklet – Studio Visions and Fields of Investigation*, which accompanied the First Open Call in March 2023. In parallel, SOS produced a Direction video for the Open Call, exploring the visual and conceptual setting of the Knowledge Hub.

Given that collaboration, diversity, and inclusion are central to SOS's practice, SOS also proposed the inclusion of a short section addressing Hungry EcoCities' inclusive selection process in the Guide for Applicants (GFA) for Open Call 1 (and later Open Call 2), which was subsequently adopted.

Consortium engagement and early knowledge exchange

At the end of March 2023, the second physical consortium meeting took place in Berlin and was hosted by SOS at its studio. Over two days, consortium partners prepared for the HTE residencies and engaged in discussions on AI future literacy. SOS invited Taylor Dover to contribute insights based on his recent experience working in digital and AI-related contexts. SOS encouraged the project to approach AI critically and holistically, assessing where such tools could meaningfully contribute insights or solutions.

As part of the meeting, SOS hosted a shared dinner at Café Botanico, a farm-to-table restaurant with an on-site permaculture garden. The setting and meal reflected the *Local Conditions* focus, grounding discussions in everyday food practices.

Given the strong conceptual alignment between *The Council of Foods* and SOS's earlier research that led to the *Local Conditions* focus, SOS was able to directly share existing research with Nonhuman Nonsense, followed by a dedicated knowledge-sharing workshop. For *Future Protein* and *SYMPOSIO*, SOS undertook extended, project-specific research—focusing on mollusks and mussels for *Future Protein*, and on utensils and eating practices for *SYMPOSIO*. These research insights were shared with the artists and further developed through workshop meetings.

In November 2023, SOS participated in the third consortium meeting in Turin, which focused on knowledge exchange and networking between consortium partners and HTE artists. Topics included AI, digital tools, and biotechnology. Sebastian Behmann presented SOS's experience working with digital tools, providing an overview of methodologies and selected project examples.

Preparing the second Open Call and continued reflection

In February 2024, SOS began preparing the Second Open Call, further developing the communication texts and refining the *Local Conditions* vision for engagement with agri-food SMEs.

In April 2024, SOS presented its current topics, insights, and accumulated Knowledge Hub research during the Prototype Park Direction discussion with the other creative studios. The exchange generated a productive dialogue, reinforcing SOS's commitment to ongoing research and learning from the field, while also strengthening the ambition to compare insights over time and track new developments across the duration of the project.

On 17 May 2024, SOS hosted the Prototyping Park Demonstration Event at its studio in Berlin (also see the deliverables on prototype parks D5.7 & D5.8). The artists Nonhuman Nonsense and IM-A Studio presented and tested their projects, Council of Foods and Future Protein, with an audience of approximately 60 invited studio members and external guests. SOS guided the artists in framing their presentations through the lens of *Local Conditions*, emphasising food sustainability and multi-artistic presentation formats. The event marked an important milestone in SOS's mentorship process.

In July 2024, SOS participated in the fourth consortium meeting in Amsterdam, which focused on learnings from the HTE mentoring phase and preparations for the Second Open Call and SME selection process. Exchanges between the creative studios highlighted the importance of a flexible mentorship structure in supporting projects to reach their full potential.



Farmunity Pavilion – SOS (work-in-progress)

External impact and PPE residencies

During summer 2024, SOS was contacted by FarmUnity, a non-profit organisation and community garden based in Maryland (USA) that connects regenerative farming with community building. In July 2024, founder Jitendra Rathod visited SOS in Berlin to explore potential future collaborations. SOS subsequently connected FarmUnity with Hungry EcoCities university partners, who provided input on digital tools and AI systems for garden optimization. Informed by the *Local Conditions* vision and SOS's ongoing research, SOS developed a garden pavilion concept for FarmUnity. The pavilion was constructed and adapted by the community and inaugurated in September 2025. Documentation is planned once crops have fully grown, with completion expected in summer 2026.

Between December 2024 and January 2025, SOS reviewed and provided feedback on preselected artist proposals for the mentored SMEs, gaining valuable insights into opportunities and challenges for the upcoming collaborations.

PPE kick-offs and research continuation

In March 2025, the PPE residencies with selected artists commenced. Sebastian Behmann attended the physical kick-off meetings with Protiberia × Samuel Van Ransbeeck and with Sensesbit × Laila Snevele. Later in March, both Eva Maria Mikkelsen and Sebastian Behmann participated in the kick-off meeting with Le Terre di Zoè × Betiana Pavón. These meetings provided important contextual understanding of each SME's location and supported SOS's mentoring approach.



Joint kick-off March 2025 at Sensebit

Following the kick-offs, SOS initiated further research into the themes addressed by the projects, including regenerative agriculture, gastrophysics, and insect-based food systems. This research strengthened SOS's engagement with each collaboration.

In July 2025, SOS hosted the *Future Solutions Talks* in Berlin, where Sebastian Behmann presented the core *Local Conditions* topics, and research findings developed since 2022. The presentation also summarized interviews conducted with field experts

on progress, challenges, and successes in regenerative agricultural practices in Germany and internationally. These insights reinforced the relevance and long-term potential of the *Local Conditions* focus. The Future Solutions Talks were accessible to the public.

Building on this research, SOS began developing a concept proposal in June 2026 for an elderly co-housing project closely connected to nature. This project remains ongoing.



Solutions Talks, July 2025

Future



Recorded conversation between EatThis and Ted Duijvestijn part of the Future Solution Talks in Berlin

In October 2025, SOS participated in the fifth consortium meeting in Amsterdam, contributing to the Synergy Days, attending Dutch Design Week in Eindhoven, and participating in the demonstration event of *Phygital Seasoning*.

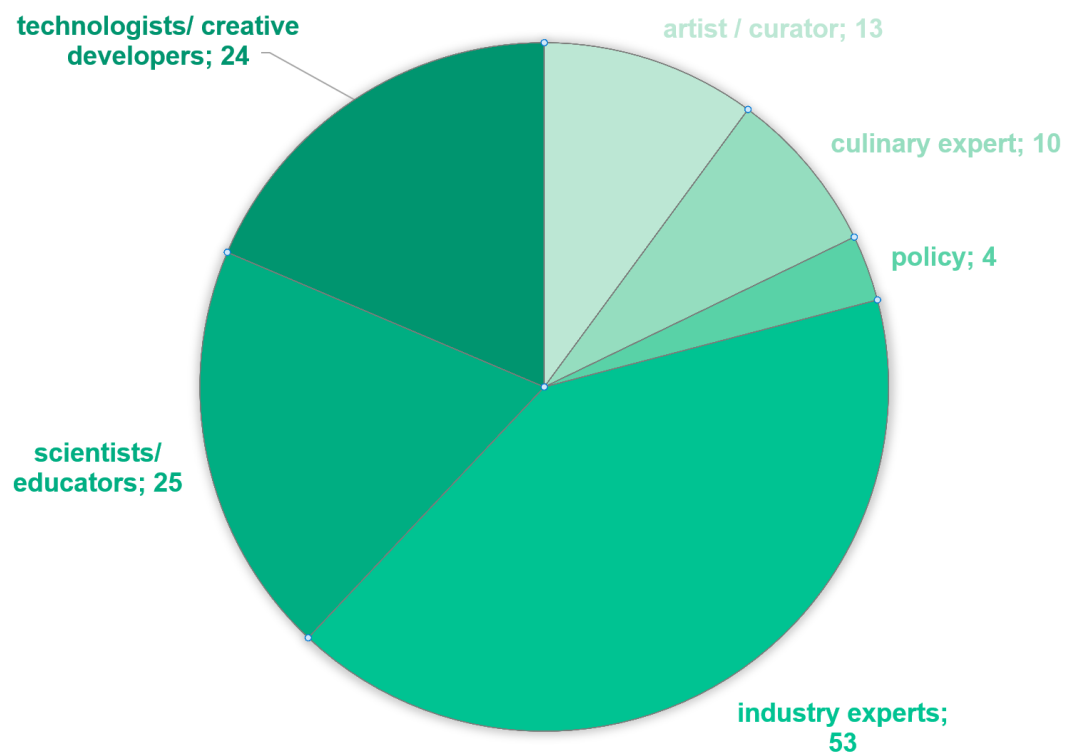
Reflections, outcomes, and future opportunities

By the end of October 2025, all PPE residencies had concluded. SOS reflected positively on the outcomes, particularly the strong focus across several projects on restoring relationships between humans and more-than-human species, technology and ecology, and production and care. These themes align closely with SOS's ongoing research interests and confirm the relevance of the *Local Conditions* focus developed through the Hungry EcoCities Knowledge Hub.

Looking ahead, SOS sees opportunities to further develop this approach through continued site-specific research and cross-sector collaborations that support long-term knowledge exchange. Insights gained from Hungry EcoCities will continue to inform future projects, allowing the Knowledge Hub and its *Local Conditions* direction to evolve beyond the project's duration.

2.4 Overview Ecosystem

As part of the mentoring and knowledge hub involvement, an overview is created of the involved experts in the execution of the 20 projects (9 HTE, 10 PPE and HEClab). This resulted in a total of an additional 129 experts, above of the artists, SMEs and consortium members in Hungry EcoCities. It shows the active involvement of different stakeholders and interaction from artists/curators (13), technologists/ creative developers (24), scientists/educators (25), (food) industry experts (53), policy (4), educators and culinary experts (10).



3. Reflections and learning

The role of knowledge and what a HUB means is perhaps one of the most complicated questions to raise, specifically as the food system itself is an almost infinite container of knowledge types and forms; it has remained throughout our process as an evolving factor of reflection and addition to the art-driven innovation approach in the project. Studios are in their own ways very used to working with vast amounts and forms of knowledge – design, constructions, conceptualisations, physics and biology, to name but a few- but the food system and its logic remained challenging to grasp. That food systems have a lack, quite often, of transparency and are not always welcoming of outsider opinions, makes them, from a creative perspective, challenging to enter, let alone retain position or knowledge. This means that innovation and building up long-term knowledge are challenging.

In hindsight, this doesn't immediately lead to dramatic reconsiderations nor offer concrete conditions for changing our current approaches in terms of knowledge management. (Here, the very rapid development of AI at the moment has probably more to say.) This was also reflected in the Grand Gathering event in which we tried to make sure that the collected knowledge would remain relevant to key stakeholders in Europe and by contributing pathways to create future steps to live on; through setting up and participating in the workshops and distributing invitations for online watching in their respective networks. Further integration of gathered knowledge in respective projects by studios and partners remains a concrete learning and would not have been

possible without the project. For the EU public, we see that innovation and knowledge struggle in ways of connecting with citizens in a relevant and useful way; although a lot of insights gathered shape technology and cultures used in the larger food systems, they are for most citizens not of immediate need, i.e. in their daily shopping or other habits.

Annex 1: Involved persons in the Knowledge Hubs

EatThis HEC core team:

Stephan Petermann – Creative Lead
Aart van de Bos – Project Lead
Renee Snijders – Management EatThis
Ed Smit – Management EatThis

Humanizing Technology Experiments (HTE) – selected individual artists

Vegetable Vendata -- Jeroen van de Most
MVP x FFF – The Center for Genomic Gastronomy
WTFOOD – Bernat Cuni
Support: Ecoschroom – Ivan Henriques

Paths to Progress Experiments (PPE) – artist + SME teams

Craft Meats AI – Damian Alexander & Cappana
Tomato Brain – Jo Kroese & Axia
Soil Society – Instagreen & Nicolas Rotta
Support: Open source Harvesting Community – Logiqs & Georg Kettele

CRA HEC core team:

- Carlo Ratti, studio founder
- Monika Loeve, project lead, creative mentor
- Erze Dinarama, research and vision development
- Daniele Belleri, research and vision development
- Chiara Borghi, creative mentor during residencies
- Gabriele Sacchi, creative mentor during residencies
- Vincent Leung, project communications officer

Residencies mentored:

Humanizing Technology Experiments (HTE) – selected individual artists

- Acoustic Agriculture by Helena Nikonole
- Ecoshroom by Ivan Henriques
- SYMBIOSIS.AI by Frederik De Wilde
- Future Protein by IM-A Studio (shared mentorship)

Paths to Progress Experiments (PPE) – artist + SME teams

- Harvesting Community – Georg Kettele+ Logiqs
- Air & Sprouts: Growing the Invisible – Haseeb Ahmed + Sprout Dynamics
- Straw Return – Isaac Monté + Staramaki
- Soil.Society – Nicolas Rotta + InstaGreen (shared mentorship)

The SOS Assembly Team consisted of:

- Olafur Eliasson, SOS – Co-Founder

- Sebastian Behmann, SOS – Co-Founder
- Eva Maria Mikkelsen, SOS – Project Manager
- Aulona Krasniqi – Researcher and editor
- Anna Engberg-Pedersen, SOS – Research and Communications
- Taylor Dover, SOS – Advisor
- Lauren Gemmo, SOS – Research Editor
- Christian Rauch, STATE Studio – Founder & Managing Director

HTE residencies and mentoring approach

Humanizing Technology Experiments (HTE) – selected individual artists

- *The Council of Foods* by Nonhuman Nonsense
- *Future Protein* by IM-A Studio
- *SYMPOSIO* by Yiannis Kranidiotis

Paths to Progress Experiments (PPE) – artist + SME teams

- Le Terre di Zoè
- Sensesbit
- Protiberia



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Hungry EcoCities aims to explore one of the most pressing challenges of our times: the need for a more healthy, sustainable, responsible, and affordable agri-food system for all enabled by AI. More info: starts.eu/hungryecocities