Edible Cities Network – Integrating Edible City Solutions for social, resilient and sustainably productive Cities

Concept for yearly Edible City Solutions Forum, Conference and Summer School
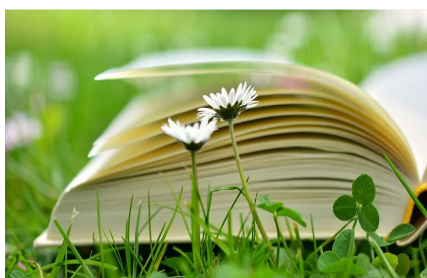
Deliverable D7.5

A lot of ideas   **ECS Forum**

A lot of exchange   **EdiCitNet Conference**

A lot of knowledge   **ECS Summer School**

About this document

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1. Executive Summary

Do good and talk about it summarizes the Work Package 7 actually quite well. With the social anchoring and valorization of Edible City Solutions (ECS) as well as the establishment of a global network of edible cities including different urban actors, the Edible Cities Network (EdiCitNet) project is strongly dependent on the establishment and worldwide implementation of visibility and participation measures.

For this purpose, different formats adopted by ECS are developed in the project and mainly in Work Package 7 Education, Knowledge Transfer and Dissemination, which focus on awareness rising and visibility, on possibilities for exchange, participation and citizenship or on further education and application possibilities of ECS differently. As the topic of ECS is still relatively new and has not yet been sufficiently integrated into society as a whole all formats always focus on several target groups. Even if individual measures certainly appeal more to some subgroups of society, the aim is always to open them up to their entirety. We consider the whole society as a community of knowledge and practice and reduce silo thinking from the beginning. We aim to bridge the gap between Academia, Non-Governmental-Organization (NGO), Governmental Organization (GO), Small and Medium Entrepreneurs (SME) and General Public, incl. Citizens by inclusive educational practice for developing 21st Century Skills. Following the basic assumption - *everyone is an expert* we focus on tools for emancipatory citizenship education and critical thinking in order to enable all stakeholders to build their own argued opinion and to participate to public debates and pro-actively change their environment.

This Deliverable presents the following 3 well-known event formats focusing on participation, visibility and education, which have been adapted to the needs of EdiCitNet and a rapid spread of ECS:

- **ECS Forum;**
- **EdiCitNet Conference;**
- **ECS Summer School**.

For each format, we have defined in this document: 1) the main objectives we intend to achieve, 2) the main contents incl. methodology, we intend to provide and use, 3) the main audiences we intend to target, additionally to the whole society, 4) the main take-home messages for different target groups we intend to spread and 5) main important indicators we intend to use to evaluate the success of the formats.

2. Format adaptation to Edible City Solutions

All 3 event formats are well-known and sufficiently tested to increase general visibility and participation as well as to offer education opportunities according to modern standards. However, the ESC topic and the main goal of the EdiCitNet project to make the Edible City Solutions (ECS) deeply anchored in society and easy to use for quick replication require some adjustments in the formats.

First and foremost, we intend to expand the target groups of the formats in order to meet the demand to transfer ECS to all areas of society. Besides media we see the civil society of our cities including citizens as well as urban planners and economic actors as the main responsible decision makers and transfer agents. Everyone can contribute in their own way to the success of ECS.

The mere number as well as the high motivation makes the civil organizations and the inhabitants of the cities the most important target group. Through simple ECS, every citizen can positively shape his or her living environment, create positive examples to imitate and thus promote a very fast and unbureaucratic dissemination of ECS. The second important point besides citizen participation in order to establish ECS and also to anchor it institutionally is the urban planning and legal framework. Therefore, all communication and educational events try to integrate decision-makers and key persons involved in the implementation of ECS from the administrative, planning and political sectors. Thus, on the one hand, ECS knowledge is spread on a level that significantly influences the implementation and, on the other hand, the exchange between supposedly conflicting areas of citizenship or practitioners is linked to the area of planners and decision makers and mutual prejudices are reduced. If, in addition, the economic potential of ECS is recognized and how these solutions can contribute to the economic stability of the cities, there is nothing to stop its widespread implementation. That is why economic actors are always invited to all events in order to highlight the potential and to convince new business actors of ECS.

Only what remains in memory can be transferred. Therefore, the second important adoption is the application-oriented design of all events. Edible City Solutions live on the application and the many advantages can best be communicated and experienced practically on site. Hence, the motto of the events is "learning by doing" and learning of best practices. That means with all formats there will be either on-site actions, where the participants can experience and design ECS in action including exchange with stakeholders (e.g. at the Kick-Off Meeting (see Del.8.1) or at the ECS Summer School) or the permanent reference to lived experiences regarding possibilities and barriers of implementation during presentations and discussions of ECS Forum and EdiCitNet Conference.

The last point of the adoption measures is not really different from the traditional formats of summer school, conference or forum, but rather a reminder of an adequate discussion culture. Even though the topic of ECS or the Edible City in general involves and brings together many different actors with supposedly different positions of power, an open discussion culture is sought and demanded in all formats, allowing everyone to have their say and focusing primarily on exchange and jointly developed solutions. The topic of food and future food strategies in the city is too important to continue to act in separate and thus limited ways of thinking and acting. All 3 formats will be held on an annual basis (at best in September or October) in the extended framework of the *Annual EdiCitNet Meeting* and focus on changing key topics relates to current societal trends and local requirements. It is planned to hold the *Annual EdiCitNet Meetings* in different cities of the EdiCitNet Consortium that are easy to reach for as many participants as possible. This will save travel and climate costs on the one hand, and on the other hand, it will allow us to experience different local ECS requirements, approaches and stakeholder landscapes. This in turn serves not only to speed up the spread of ECS, but also to exchange new ideas, knowledge and solutions.

3. Implementation and successfully coping with organizational challenges

The last *EdiCitNet Annual Meeting* was held in Girona in 2019 and the next one will be in Berlin in the beginning of October 2020, due to major on-site planning and pilot work to redesign or expand the annual meeting to include the ECS Forum, EdiCitNet Conference and ECS Summer School. The venues for hosting future project yearly meetings from 2021-2023 in EdiCitNet Cities (incl. beneficiaries or associated partner) will be determined together, depending on good travel accessibility and necessary infrastructure to host such large events, including a summer school, conference and forum. To ensure the success of the events, an organization team of various EdiCitNet partners, including project coordination, will be set up in advance to support the hosting team.

In Girona we have already successfully introduced and tested some of the formats (Forum and Conference) and we will adapt and expand them for the next meeting in Berlin. This in turn can be used as a basis for the upcoming events in other cities in the next years.

Well-known challenges to bring together as many target groups as possible are always place and above all, time. While the location issue can be solved most of the times by providing an easily accessible and central location, it is more problematic when it comes to time, especially for events taking longer periods of time like the one-week ECS Summer School.

A frequent question is therefore, *at what time of the day can we meet?* It is mainly about the balance between availability of people who have working hours in their main vocations (e.g. volunteers) *versus* participants that can participate during their working schedules (e.g. administration staff). In contrast to administration staff, volunteers often prefer weekend or after work hours. Solutions for this could be for example:

1. to adapt the exact content planning to the working hours of the respective experts or interested parties,
2. to choose the local transition period from working hours to free time or
3. to design different modules and wrap ups to include people that could not assist previous/parallel modules.

In addition, the date for the ECS Summer School must be announced well in advance, just like the ECS Forum and the EdiCitNet Conference. Furthermore, it is helpful to embed the Summer School in existing Summer School frameworks of the university partners and thus to use already established and well-working structures.

In order to achieve the participation of the desired stakeholders the target groups for all formats should be addressed directly through existing networks (incl. media) and EdiCitNet channels. A small but targeted stakeholder analysis beforehand can help here.

4. Summary of formats, target audiences, main take-home messages

Tabular overview

Format	Primary target audience	Main take-home messages for this audience	Secondary target audience	Main take-home messages for this audience
ECS Forum	Civil Society, General Public, ECS Business Community, Media	We all are the CITY! Make your City liveable for YOU and OUR future! Changemaker? We support you! I can make money on ECS!	Scientific Community, Policy Makers	Join us in creating inclusive edible communities! Have your say in building an edible community! We facilitate the integration of alternative food systems in planning.
EdiCitNet Conference	Scientific Community, Policy Makers, Media	Let's join forces and share knowledge to support the ECS movement! Tackle urban challenges - become an Edible City and benefit at all levels of sustainability!	ECS-Business Community, Civil Society, General Public	Spreading the seeds of success. Learn from our ECS Living Labs for replication and up-scaling! Edible Cities for everyone!
ECS Summer School	Scientific Community, ECS-Business Community, Policy Makers	ECS in Living Laboratories worldwide by trial and error. Edible City Solutions your opportunity for sustainable and innovative investment!	Civil Society, General Public, Media	The expanding network of Edible Cities makes cities better places to live! Together we change our cities! Let´s be active and foster our Edible City!

5. ECS Forum

The ECS Forum is a reminiscence of the idea developed in antiquity to establish a central communication place for e.g. people's assemblies or market places. EdiCitNet picks up this tradition again and would like the ECS Forum to facilitate the exchange of all urban actors on the topic of the edible city in as lateral debate as possible. It is open to all interested parties and offers the possibility to inform oneself about ECS as well as to intervene actively in the discourse. All forums thrive on active participation. Therefore, the annual on-site meetings of the ECS Forum are complemented by an open digital format on the already established EdiCitNet Community Management Tool[1] (CMT). Here, topics can be set and discussed and information exchanged throughout the year, in line with today's digital possibilities and needs. In this digital extension of the ECS Forum, topics are also collected that are taken up in the on-site ECS Forum.

Last year, we started the first ECS Forum under the brand "*EdiCitNet & Friends*" during the *Annual EdiCitNet Meeting* in Girona (see Del. 1.5). It was a great success in terms of networking, discussion culture and knowledge exchange and will be further expanded and intensified in the ECS Forums in the next years. Many local initiatives, SMEs as well as citizens were invited to the ECS Forum in Girona to inform and exchange information about the project and Edible Cities and to present their work to the whole audience, including the EdiCitNet

Figure 1: EdiCitNet & friends, Fishbowl discussion on valorizations of local ECS in Girona, Spain

consortium. Posters submitted by all EdiCitNet project beneficiaries greatly facilitated the exchange in the poster gallery. In a subsequent fishbowl discussion, which continued even after the meeting was over, the ground was prepared for a controversial but goal-oriented exchange about the future of our cities and our food.

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[1] For more information (see Del. https://cmt.eurtd.com/groups/profile/254796/edicitnetfriends)

5.1 Main objectives

The main objectives of all ECS Forums are the following:

- **Enable and promote lateral and permanent exchanges between different urban actors with regard to ECS and Edible Cities;**
- **Enable participation for citizens and give them a platform for open discussions in a wider community;**
- **Establish synergies with other H2020 NBS projects;**
- **Spread the idea of ECS with all its advantages visibly via best practices;**
- **Provide a quick fix support desk/clearing body for ECS implementations.**

5.2 Contents

The on-site ECS forums will each be dedicated to a major topic related to ECS. Examples of this are:

- **Implementation of ECS;**
- **Doing business with ECS;**
- **Successful spreading of ECS;**
- **Edible Cities Network - possibilities and challenges.**

Within the online ECS Forum it is best to leave the topics open. On the one hand, this serves the free discussion mode and possibilities to get direct answers to different questions and on the other hand, this openness supports a contemporary topic finding for the future annual on-site ECS Forums.

Since the on-site forums always have a very strong local topic reference in addition to the topics that were found in advance via the digital online forum, local ECS actors (especially from General Public and ECS Business Community) are always invited to present and discuss their ideas, approaches and businesses. In case of joint actions emerge from the discussions, an action plan will be created during the ECS Forum with a corresponding distribution of tasks. Even if the exact selection of topics has not yet been determined, the perspective of the general public and especially of the current and future ECS practitioners on site is crucial for the desired application orientation of the formats. This supports the further expansion of ECS and will be helpful for all participants even beyond the local context.

5.3 Target audiences

With regard to the target groups in the ECS Forum, a distinction must be made between the online and onsite variants, as with the contents. While the online version is of course accessible to all interested target groups, and it is also desirable that as many different urban players as possible network, the onsite version focuses primarily on:

- The **General Public**;
- The **ECS Business Community**; and of course
- The **Media**

as the most successful transfer agent. This focus is based on the concept of the forum to establish a barrier-free possibility, i.e. without much previous knowledge in the field of ECS, for general urban society, where everyone can find an entrance and access to the topic edible city. In addition to the primary target groups, all formats always try to establish an exchange and communication with other urban, often not easily accessible groups. Therefore, a secondary focus will be on the participation of representatives from:

- The **Scientific Community;** and
- The **Policy Makers**.

Experience has shown that personal meetings between the different groups already lead to the elimination of many barriers, misunderstandings or even prejudices.

5.4 Main take-home messages

With regard to the above-mentioned objectives and primary target groups, the following general take home messages apply to all ECS forums:

- **We all are the CITY!**
- **Make your City livable for YOU and OUR future!**
- **Edible Cities for everyone!**
- **Changemaker? We support you!**
- **I can make money on ECS!**

Since the forum will mostly be used as the first and barrier-free access for the General Public and Civil Society and SMEs the intended main take-home messages primarily serve to provide information, empowerment and motivation for the participants. In the end everyone should go home with the feeling: I can achieve something and I know where I can get help! Apart from these messages, specific messages are developed in advance for the respective on-site ECS forum, adapted to the local context.

With regard to the above-mentioned secondary target audience, the following take-home messages are intended to emphasize once again that the implementation of ECS or the design of Edible Cities is a multi-stakeholder approach in which mutual and considerate cooperation is fundamental:

- **Join us in creating inclusive edible communities!**
- **Have your say in building an edible community!**
- **We facilitate the social integration of alternative food systems in urban planning!**

In addition, we will adapt and update the messages from year to year to the needs of the participants (from online and onsite forum). One message from the participants of the last ECS Forum was for example:

- **Let's make local ECS initiatives more visible!**
- **Let's connect scientific experts, policy makers and local ECS initiatives in an easy way.**

5.5 Impact indicators

Of course, each format is measured in terms of its impact and success in order to generate a basis for evaluation and subsequent adjustment. The onsite ECS Forum is measured according to the following main indicators:

- **Number of participants and target groups reached (list);**
- **Active involvement of participants (observation);**
- **Number of newcomers in the EdiCitNet community (number of event-related CMT-registrations and associated partner on web page);**
- **Media outreach (number of media and press releases);**
- **Individual online evaluation survey after the event (evaluation results).**

With regard to the online part of the ECS Forum, the success is measured via the active participation in discussions and about the number of contributions.

6. EdiCitNet Conference

The format EdiCitNet Conference planned to be held in the extended framework of Annual EdiCitNet Meetings at the end of each project year aim to link experts from ECS research community with local senior city administrators and planners, entrepreneurs, representatives of citizen initiatives and NGOs to converge latest, state-of-the-art knowledge with first-hand practitioner experience, to discuss new trends and findings in the field of ECS and above all to bring together all members to exchange about the Edible Cities Network. All conferences will be by default open,

Figure 2: Ordinary Conference waiting to be upgraded participatively (Pixabay)

free-of-charge and participatory to build a broad and diverse **Community of Practice`.** In this sense, as in many other conferences, there will be a multi-stakeholder input part, which will be followed up with more participatory methods, such as a fishbowl discussion. There will also always be an open-topic discussion round in which, for example, citizens and entrepreneurs can put their questions to the experts in order to get answers regarding, for example, their barriers in the implementation of ECS.

The first EdiCitNet Conference took place on a smaller scale in the form of a cluster and transdisciplinary exchange event within the sister NBS-projects and beyond with a broader ECS community of SME, NGOs and interested Citizens. As the results and findings from all projects are not yet fully developed to a state to provide a basis for several panel discussions, this first conference was aiming at getting to know the status quo of all NBS projects which were starting in 2018 and starting discussion about common barriers and challenges in implementation and citizens

participation. Furthermore, the local partners from our sister projects are connected to EdiCitNet partners in Girona/Barcelona and we had a panel discussion on the different cities, networks and current working conditions.

Reviewing the experience of the first EdiCitNet Conference, we will address the following criteria in the next EdiCitNet Conference: a) shorter presentations/talks; b) better composition of presentations (red line of talks per session) and the already successfully implemented format of short discussion panels with al presenters at the end of each session to wrap up take home messages for all.

From now on, the yearly EdiCitNet Conference will grow on the basis mentioned before with an expert input on different topics and urgent matter, followed by a more participatory discussion part (inspired e.g. by case studies incl. reports on successes and failures from experts and practitioners) and also aiming at presenting the results from all other NBS-projects. To encourage maximum local participation, all EdiCitNet Conferences should either be held in the local languages or at least provide appropriate translation.

6.1 Main objectives

The main objectives of all EdiCitNet Conferences are the following:

- **To exchange experiences and knowledge between Scientific Community, Policy Makers, ECS-Business Community, NGOs;**
- **To enhance "high level" discussions about specific ECS topics;**
- **To reshape the ECS research agenda to enhance impact;**
- **To discuss about the last trends and findings on ECS (beyond the state-of-the art knowledge);**
- **To disseminate to the media latest trends and main results on ECS;**
- **To encourage the replication of ECS fruitful experiences;**
- **To establish synergies with other ECS related projects;** and
- **ECS internationalization.**

6.2 Contents

Over the project duration, the EdiCitNet Conference holds several high-level panel discussions on specific and current topics as starting points for discussions on last trends and findings and more participatory formats later. These topics are related for example to:

- **Closed resource loops:** *Technologies and how to anchor these loops in society?*
- **Green business and investments:** *Which successful strategies on micro-financing and small to medium scale public/private investments exist?*
- **Empowerment of citizens belonging to vulnerable groups:** *Communication tools to reach deeply into society.*

Other topics are related to the projects as ***innovation actions*** and their specific challenges:

- **Technical Readiness Level 6-9:** *How to avoid the scientific trap?*

- **Disruptive change and paradigm shift:** *How to operate minimally-invasive in cities?*

From the current point of view, the EdiCitNet partners also see a need for *Identification of common barriers and challenges for all cities as main target point for transformation.* Cities are in the main focus and suffer from non-tailor-made plans by scientific consultancy - EdiCitNet moves beyond a stiff system of consultancy and tries to support via EdiCitNet Conferences the cities and City Teams as backbone helping to steer the urban transformation.

In addition to panel discussion you have the chance to meet experts from different sectors (e.g. Scientific Community, Policy Makers or SMEs and NGOs). After their short 5 minutes presentations of interesting case studies focusing on what has and has not worked there will be small discussion groups, where the presenters supported by a moderator will share and discuss honestly their successes and failures.

All EdiCitNet Conferences are accompanied by media and complemented by an EdiCitNet Award process for most innovative individual action; most innovative social engagement process; and best overall Edible City approach in FRCs and FCs. The yearly EdiCitNet Conference will have a constantly growing community and is not aiming at excluding parts of the society- au contraire- EdiCitNet is merging formats in programmes and thus serves wide but also specific discussions among a transdisciplinary community.

6.3 Target audiences

With regard to the above-mentioned objectives and contents all EdiCitNet Conferences focus primarily on:

- The **Scientific Community;**
- The **Policy Makers;** and of course
- The **Medias.**

as the most successful transfer agent and secondary on:

- The **ECS-Business Community;**
- The **Civil Society;** and
- The **General Public**.

This focus relates to the vision of this conference to establish high level discussion and exchange platform combined by a barrier-free possibility for all interested urban actors to meet experts from broader ECS field. Additionally, the experts have the chance to present and double check their results and experiences to a broader audience. The media coverage of the entire conference, including effective announcements and follow-up reporting, increases the visibility and the entire Edible Cities Network and contributes to the motivation and participation of the urban society.

6.4 Main take-home messages

If the above objectives are to be achieved and the contents are implemented, participants should take the following thoughts or take-home messages from the conference, among others

- **Let's join forces and share knowledge to support the ECS movement!**
- **ECS are successful and easy to implement!**

- **Tackle urban challenges - become an Edible City and benefit at all levels of sustainability!**
- **Let´s spreading the seeds of success!**
- **Learn from ECS Living Labs and amazing ECS case studies for replication and up-scaling!**
- **Be part of a global movement and join the Edible Cities Network!**

As with the ECS Forum, it is important to initiate a feeling that there is no sharp distinction between experts and laymen in the ECS field, but that despite all the challenges, there is one goal that can only be achieved together: to make the cities more livable for everyone.

6.5 Impact indicators

In order to improve the entire format including organization from year to year, the EdiCitNet Conference will be evaluated using the following indicators:

- **Number of applicants from different countries and disciplines (list);**
- **Number of participants and target groups reached (list);**
- **Active involvement of participants (observation);**
- **Number of newcomers in the EdiCitNet community (number of event-related CMT-registrations/growing network visible on web page);**
- **Media outreach (number of media and press releases);**
- **Number of new associated partner in the Edible Cities Network (list);**
- **Individual online evaluation survey after the event (evaluation results).**

The evaluation of the indicators will of course be included in the report for each conference and will be the starting point for the organization of the next conference.

7. ECS Summer School

Summer schools serve for multiple purposes and are successfully implemented format in the academic and non-academic contexts. Summer schools take place in the inspiring time between two academic (or working) years. Like stimulating vacation journeys, summer schools have to encourage the exploration of new grounds, perspectives, experiences and people but also relaxing and critically reflecting the past year in order to restart the next working season.

The ECS Summer School adapts the successful aspects of ordinary summer school formats and modifies those elements such as traditional frontal teaching and long presentations that limit

Figure 3: Working Group (Pixabay)

inclusiveness, activating moments and collaboration. The basic idea of ECS Summer Schools is to work together (academic and non-academic community) intensively on a complex and self-contained ECS topic considering the different perspectives of different urban actors during several days. Therefore, "experts/facilitators" give initial presentations on ECS topics to students, teachers, or other professional workers combined with collaborative working formats. The ECS Summer School thus merges two main streams of summer school formats - the more academic community-oriented one with summer schools for the General Public, which do not include exams and are not intended for study purposes.

The ECS Summer Schools contain substantial components of sharing and teaching ECS knowledge, practice and experiences from different perspectives (all relevant stakeholders of local ECS community; i.e. academia, NGOs, GOs, SMEs and citizens) in a lateral and inclusive manner. The general setting (place, time slots, methodologies, costs, language) will foster participation in summer schools beyond single target groups to form a community of knowledge and practice. We promote collaborative learning and actions and dedicate sufficient time on informal exchange and discussion modes.

7.1 Main objectives

Linked to the vision of breaking down existing silos of thought and action and preparing students as future entrepreneurs, planners or policy makers for a complex reality and multidimensional challenges, the ECS Summer School addresses the following main objectives:

- **Sharing and teaching transdisciplinary ECS knowledge, practice and experiences;**
- **Foster EdiCitNet Networking and Collaborative Action;**
- **Developing Take-Home ECS knowledge, practice and experiences;**
- **Solution oriented formats;**
- **Promote the value of the environment and how this can be incorporated into business models for ECS.**

7.2 Contents

The content of each ECS Summer School is co-developed with the local ECS community and focused on general and critical local aspects of ECS knowledge, practice and experiences from different perspectives (see ICSS, Del. 1.4) and controversial topics that emerged from the local EdiCitNet City Teams. The selection of the "**hot topic**" and possible "experts/facilitators" to be invited to give initial presentations will be also discussed in the local networks.

The ECS Summer School content concept, which is adapted to the respective hot topic, is always based on the four main pillars (social, ecological, economic and political/administrative/legal) which address all ECS along the value chain and at the same time are inherent to all ECS. The typical urban challenges are addressed here with the use of ECS. The content of these pillars, the heart of all ECS educational activities, was developed together with the EdiCitNet consortium at the last Annual Meeting in Girona.

Fig. 4 shows the content concept complemented by extra "in-depth" courses or activities aiming at barriers, challenges, possibilities and requirements for ECS implementation and replication. We will set up an ECS Summer School with traditional inputs by keynote speaker for scientific yet applicable findings and knowledge. What we see here is that ECS are based on 4 main pillars that are deriving from all ECS currently existing along a value chain. These ECS tackle several challenges which all belong to the pillars. In addition, in depth modules (compulsory) provide further insight into specific issues like closed resource and nutrients cycles or revealing and gathering the knowledge on barriers and enablers of ECS implementation in urban areas or planning tool. Furthermore, we will employ approaches that emphasize methodologies for sustainable participation and integration of society as one of the main stakeholders and addressed target group.
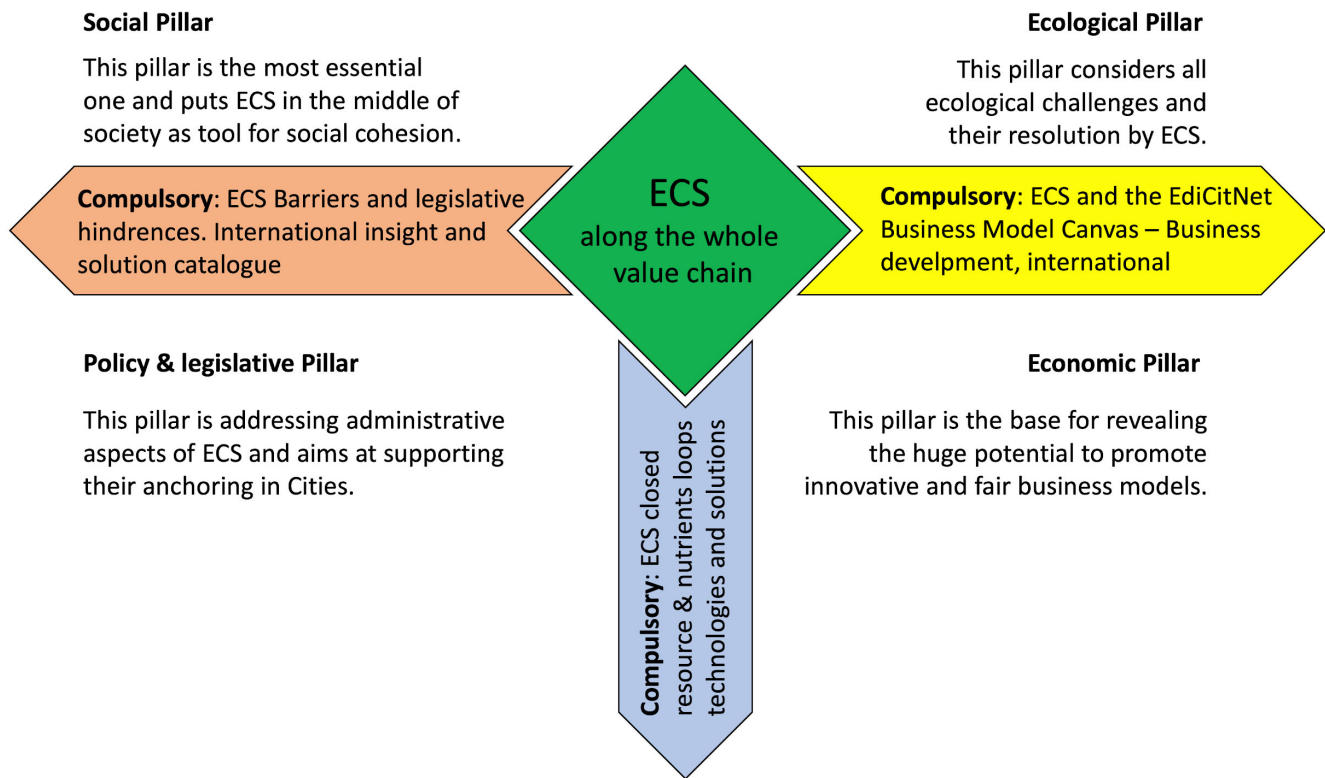
Social Pillar

This pillar is the most essential one and puts ECS in the middle of society as tool for social cohesion.

Compulsory: ECS Barriers and legislative hindrences. International insight and solution catalogue

ECS
along the whole value chain

Ecological Pillar

This pillar considers all ecological challenges and their resolution by ECS.

Compulsory: ECS and the EdiCitNet Business Model Canvas – Business develpment, international

Policy & legislative Pillar

This pillar is addressing administrative aspects of ECS and aims at supporting their anchoring in Cities.

Compulsory: ECS closed resource & nutrients loops technologies and solutions

Economic Pillar

This pillar is the base for revealing the huge potential to promote innovative and fair business models.

Figure 4: Four Pillars of ECS

Overall concept of ECS Summer Schools

The ECS Summer Schools usually last one week and include input from experts, hands-on sessions as an efficient way of getting to know ECS as well as active and transdisciplinary group work. In preparation for a successful summer school, materials, books, articles and videos will be made available or accessible on web page and CMT to the participants. The many participatory formats and the opportunity to present a poster (or similar) of oneself and one's work encourage the exchange among the participants.

At the beginning, the "hot topic" of each summer school will be introduced by at least two contrasting presentations (pros and cons). This "**Public Summer School Intro**" should be organized as an after work event in a public place with media presence (e.g. discussion also transmitted in the local radio) to capture a wider range of public opinions using presence at the event, in person discussions with paper boards and social media (e.g. Facebook, Instagram, Twitter). *(If necessary IRITHESys will provide a translation service as media questions might be in local language)*. All summer school participants will join this public session and protocol the discussions for subsequent problem framing sessions. After the formal start, on the following day, the Summer School begins with a common hands-on session/practical module to introduce participants to ECS basic concepts and the other participants. Here an example is the "Harvesting Event" from Mundraub organized by Kai Gildhorn (Mundraub). Find more details under: Handbook for

Fostering edible cities and landscapes with Mundraub [2]. The further progress will of course change slightly from summer school to summer school, but basically all sessions usually start with an input by experts, which leads to tasks in transdisciplinary group work (creation of Working Groups with special issues combined from the pillars). The solutions found for the various tasks deriving from the challenges ECS tackle, are afterwards evaluated by practitioners in a so-called "reality check". After a week work results and findings will be gathered bin a networking event. For supporting the scientific but also other interested target groups, a list of 5 scientific publications addressing the field of ECS will be distributed via communication channels.

Organization and embedding ECS summer school in already existing infrastructure

As mentioned before, it is useful to embed ECS Summer Schools in already existing structures.

The Integrated Research Institute on Transformation of Human-Environment Systems (IRIHESys[3]) in Berlin, the first host of the Summer School, will offer already existing infrastructure for this purpose. There is a timetable with deadlines for the realization and organization of the IRITEHSys Summer School in the network secretary of the IRITHEsys. Thus, in 2020, the IRITEHSys Summer School will be devoted to the ECS Summer School and will benefit from structures and strategies in place concerning the communication and distribution channels, recruiting and acceptance procedures.

1. In principle, the Summer School is scheduled to start at lunch time for 5 working days in order to enable people arriving on the same day to participate in the daily programme.

2. Total number: The previous group size was about 20 students. Since no target group-specific separation is desired in the ECS Summer School, transdisciplinary formats are chosen which address different target groups at the same time. We have agreed that we will not limit the number of participants for the time being, in order to see how many applicants from the target groups science, small and medium-sized enterprises, non-governmental organizations, city administrations, citizens' initiatives and society and others will apply. The aim is to assemble a mixed group of participants in order to facilitate exchange on a transdisciplinary level right into society and thereby break up silo structures.

3. The following responsibilities with corresponding deadlines have been agreed:

- Preliminary programme until 30th of January 2020 (this includes development and conception of formats including proposals for keynote speakers (mostly persons associated with IRITHESys)**.**
- The Keynote speakers identified are: Jörg Niewöhner, Timothy Moss, Alexander Schabel, Peter Feindt, Bettina König.
- Sending of the call: on 20.02.2020. Incubation/application deadline: 20.04.2020. Selection procedure: 20.04.2020 to 20.05.2020, (after a modified template for an enlarged target group, integration of data into template until End of May 2020. Invitations follow after that.

4. Students' requirement: Poster +additional query for a DIN A4 page "personal CV".

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[2] https://www.edicitnet.com/medialibrary/documents/
[3] IRIThesys is one institute of the Humboldt University: https://www.iri-thesys.org/institute

Expected learning outcomes

Effective learning is always combined with the self- experienced processes and procedures as well as immediate application of the recently learned. The implementation of such interventions next to lecture input given through experts is the unique point in the ECS Summer School. By visiting invigorating ECS examples representing the different pillars the attendees get real insight into details of an existing ECS. We find here a vast pool of ECS that either predominantly represent socially, ecologically or economically aligned ECS. This "reality check" is the fundament to in turn enhance the quality of results and findings from the ECS Summer School and benefit not only the attendees but also a broader community. All results will be available on the EdiCitNet webpage. We also provide a webinar or Summer School stream where interested audience and students can attend the Summer School via digital devices.

The tangible outcome of this Summer School will be first a discussion paper aiming at comparing and gathering all results elaborated in the working groups in respective pillars and second a presentation of the result at a networking event commented by the ECS Summer School board (experts and additional persons). We here emphasize the use of very new and attractive formats like 3 minutes pitches, science slams or role plays to train the soft skills and make this event attractive for a broader audience. The result will be available on the webpage and CMT.

7.3 Target audience

With regard to the above-mentioned objectives and contents all ECS Summer Schools focus primarily on:

- The **Scientific Community,**
- The **ECS-Business Community** and
- The **Policy Makers.**

and secondary on:

- The **Civil Society,**
- The **General Public** and
- The **Media**.

This target groups are the most important ones. The scientific community is already traditionally involved in summer schools and has its main impact within the student community. Additionally, input by experts allow in integrative formats knowledge exchange and mutual learning. Policy makers are focused to integrate administrative decisions and elaborate suitable solutions which serve as base for enhancing uptake of ECS into policy. The ECS Business community is driven by novel ideas which are produced in such a one-week think tank. The ECS Summer School is thus a combination of high-level sessions gaining deep scientific insight into this matter but also an open platform for exchanging thoughts between generations and disciplines.

7.4 Main take-home messages

If the above objectives are to be achieved and the contents are implemented, participants should take the following thoughts or take-home messages from the summer school, among others:

- **ECS a urban planning tool!**
- **ECS have huge potential for business.**
- **ECS are transdisciplinary - there is not one expert on ECS.**
- **The bigger the network- the bigger the impact!**

As with the ECS Forum and conference it is important to transport that there is no sharp distinction between experts and laymen in the ECS field, but that despite all the challenges, there is one goal that can only be achieved together: to make the cities more livable for everyone.
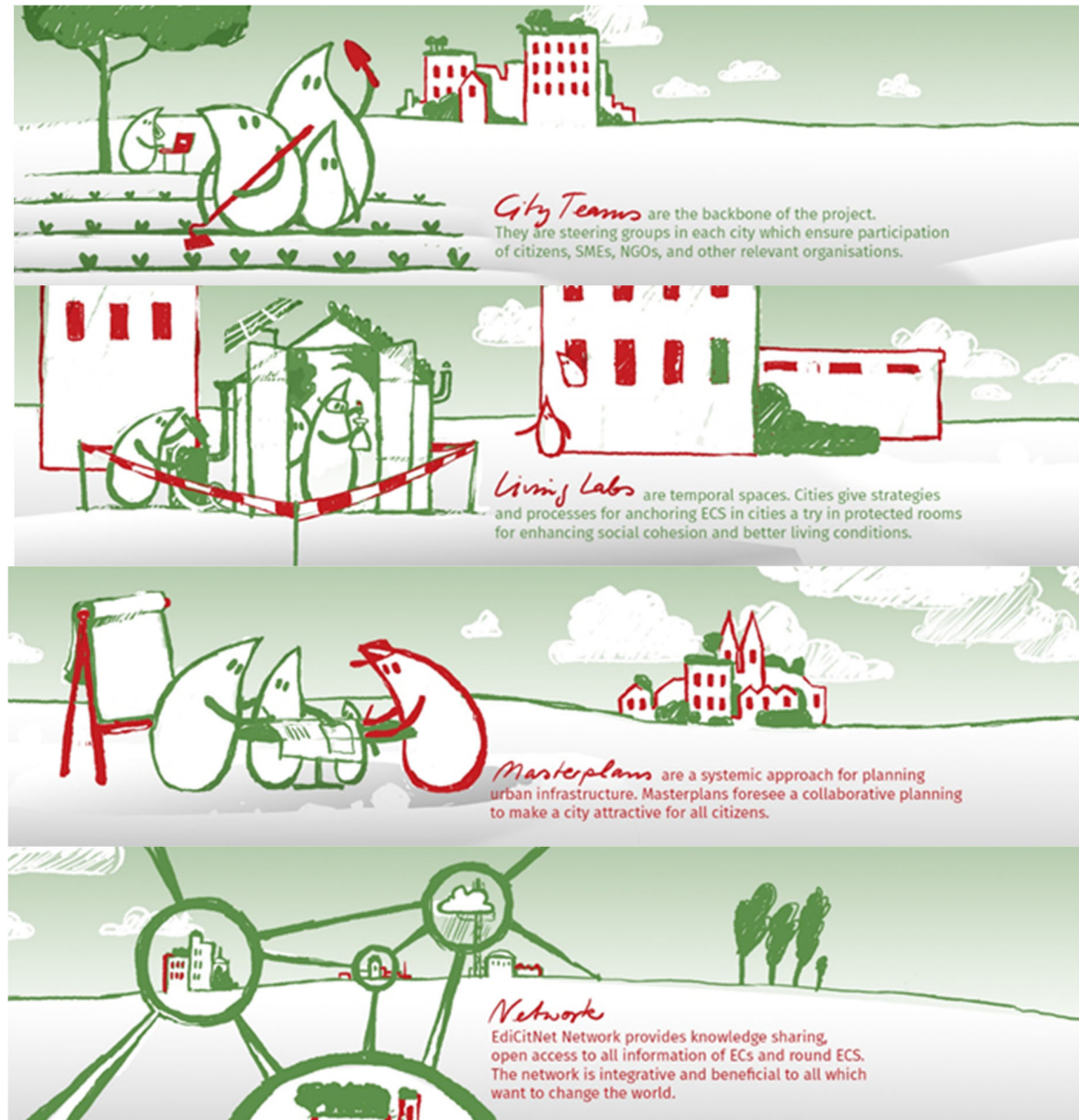
7.5 Impact indicators

- **Number of applicants from different countries and disciplines (list);**
- **Personal on-site survey of participants on evaluation of concept, content and implementation (list);**
- **Number of target groups reached or of persons with different perspectives (list);**
- **Number of participants from different countries and disciplines (list);**
- **Active involvement of participants (observation);**
- **New Experiences through practical participation in concepting ECS, incl. harvesting and producing (list);**
- **Individual online evaluation survey after the event (evaluation results).**

Glossary

Abbreviation	Description
CMT	Community Management Tool
EdiCitNet	Edible City Network
ECS	Edible City Solutions
FC	Follower City
FRC	Front-Runner City
NGO	Non-governmental organization
GO	Governmental Organization
NBS	Nature-Based-Solutions

About the EdiCitNet project

EdiCitNet is demonstrating innovative Nature-Based Solutions (NBS). Edible City Solutions (ECS) are going one step further: We include the whole chain of urban food production, distribution and utilization for inclusive urban regeneration and address societal challenges such as mass urbanization, social inequality and climate change and resource protection in cities.

City Teams are the backbone of the project. They are steering groups in each city which ensure participation of citizens, SMEs, NGOs, and other relevant organisations.

Living Labs are temporal spaces. Cities give strategies and processes for anchoring ECS in cities a try in protected rooms for enhancing social cohesion and better living conditions.

Masterplans are a systemic approach for planning urban infrastructure. Masterplans foresee a collaborative planning to make a city attractive for all citizens.

Network

EdiCitNet Network provides knowledge sharing, open access to all information of ECs and round ECS. The network is integrative and beneficial to all which want to change the world.

Thank you!

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Reports in #openaccess #OA in Zenodo
https://zenodo.org/communities/edicitnet/