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SATURN

Our Saturn project is looking at sustainable landscape solutions for places and communities that look to address both the climate and ecological emergencies. What we are devising is a framework approach that can be replicated elsewhere once we have proved its effectiveness.

For more information
<https://eventi.fmach.it/saturn/>

EIT Climate-KIC SATURN

Project newsletter #4



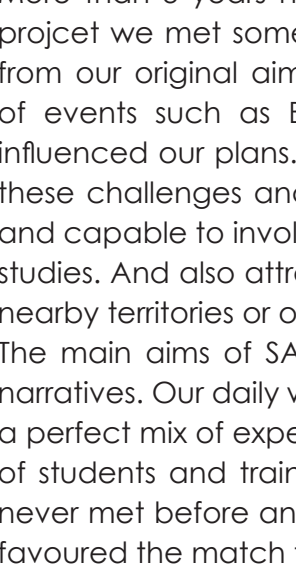
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EDITORIAL: Thanh-Tâm Lê

(Director Impact and performance - National and Regional Transformation of EIT Climate-KIC)



SATURN is an inspiring, rich human project in the EIT Climate-KIC ecosystems development portfolio. Further developments could connect with our initiatives on carbon farming and integrated landscapes, contribute to the CC's Adaptation Mission on resilient regions and be of interest to the Cities Mission whose 2030 net-zero carbon target ought to be coupled with resilience. The project is a prime example of a still rare but fruitful type of experimentation that couples public authorities, citizen communities and other actors. How far can cities push their ideas to be blocked by current regulations? We ready to embrace? How often will innovators expect their ideas to be blocked by current regulations? We ready to stop considering whatever comes from outside our actor group as external, intangible constraints. One way to do that is to create more experiments that involve all stakeholders in the experimentation itself, iteratively probing what other groups are ready for, how it moves the boundaries and opens new possibilities for the whole community.



Do municipalities involved see SATURN's built assets on metrics and on data collection as good enough to trigger bolder action at greater scale – and if not, what is the nature of the barriers? The project brought together three cities with common questions but very different approaches. It took months to create common languages and mutual trust. This experience can tell other cities inspired by SATURN about the actual possibilities to transfer the knowledge, the time to identify what can be transferred and to build confidence that the approach is relevant to new contexts. SATURN demonstrates the actionable power of landscape identity, or rather identities. While identity can be used in closed and protectionist ways, looking for a future that is desirable reveals a diversity of identities that are all deeply rooted in the landscape. Bringing them out is a way to defragment local communities and to bring actors together for sustainable transformation.

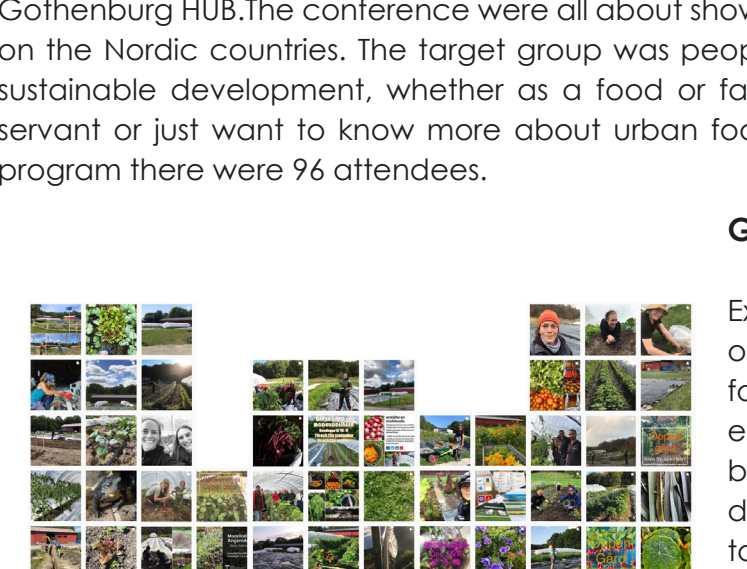
PROJECT LEAD: A POINT OF VIEW

ALESSANDRO GREITER -- Fondazione Edmund Mach

When in November 2017 for the first time we started a process of discussion and reflection to combine different experiences in Europe connected to the enhancement of the peri-urban landscapes, I did not know exactly where this journey will land. More than 3 years have passed since SATURN take off. During our project we met something unexpected which forced us to diverge from our original aim and trajectories and confront with a couple of events such as Brexit and Pandemic. Both of them seriously influenced our plans. Our team was brave enough to succeed with these challenges and maintain the force to keep SATURN on track and capable to involve as many as possible stakeholders in our case studies. And also attract the interest and attention of many others in nearby territories or other countries in Europe and beyond. The main aims of SATURN were to try to overcome fragmentation, lack of relationships and valid narratives. Our daily working practices were successfully able to reverse it. SATURN was able to create a perfect mix of experienced professionals with passionate young collaborators (and a large number of students and trainees), to bridge the gap between different stakeholders that sometimes have never met before and, not lastly, to transform scientific approaches into co-creative exercises which favoured the match to different public bodies too. Although some of our original plans have been forced to be adapted to the "new normality", I am happy to read from the feedback of our stakeholders (some are presented within this newsletter) that SATURN helped to generate trust and relationships, engagement from various non-interconnected actors and develop a new narrative and language, accompanied by tools, capable to wide the landscape perspective in the peri-urban territories. We expanded these outcomes supporting the collaboration with other projects and initiatives of EIT Climate-KIC (for example with the Deep Demonstration "Resilient Regions", MOTION, LANDSCAPE METROPOLIS and HOLISTIC RESILIENCE and supporting the "Journey" in 2020), with other communities of EIT (as Food) and locally. Summing up what we achieved, I must enlist the huge technical-scientific production with a dozen of publications and the willingness to act "beyond" the end of SATURN. The tools developed on our activities have been recognized worth to be supported for moving into a more business-oriented future. This has happened in Trentino with the selection for the "BootStrap Academy" and the "Trentino Start-up Valley" and in Sweden with the award granted by "White Guide". Incredible results which we never expected before, but representing the attention to the work SATURN carried out and some local bodies in our Hub is willing to continue.



SATURN FINAL EVENT



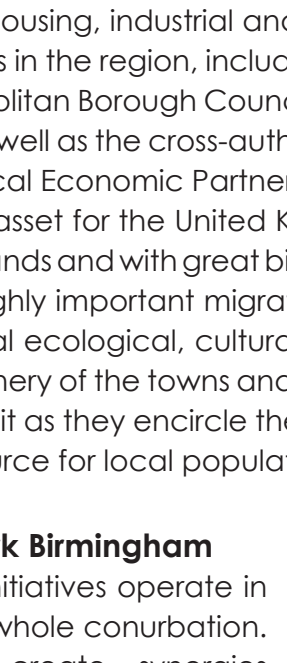
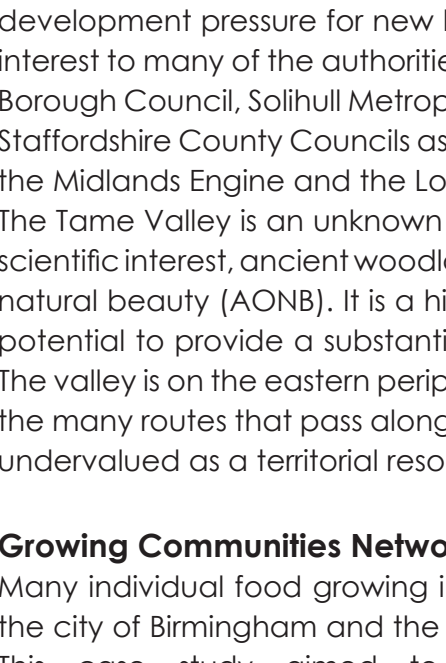
TRENTINO - 13th - 15th October 2021

During our visioning activities with stakeholders we realised that according to their future perspectives, mobility is the most urgent topic to be solved. And then we have experienced a different set of transport when running the final event. Field-visits and open-air meetings, also supported by warm and sunny weather, were done mainly by foot into the places. Approximately 49.049 steps and the

corresponding distance of 35,6 km during the 3 days of the final event. The visited locations of the Farm market, Urban Collective Vegetable Garden and Gocciadoro Park in Trento were reached by foot, then the group moved with the regional train to the shores of Lake of Caldanzazo and climbed the steep hills in the surrounding of the magnificent Castle of Pergine Valsugana. On the second day, they visited the Orto San Marco social and urban vegetable garden in Rovereto, reached by national train, and then, by car-pooling, the participants climbed to the terraced landscape of Valle di Gresta, the "organic valley" of Trentino. The same day in the afternoon a visit took place in the renowned touristic location of Arco with its flavour of the Mediterranean landscape. After the hybrid workshop, during the last day, the group visited the plateau of Monte Mezzocorona and its alpine landscape, which has been reached using a cable car. Aside from the reflection on "how to reach" the sites of the final event, it should be recorded a high interest in the SATURN activities. About 30 different stakeholders (farmers, politicians, public officers, startups, members of social cooperatives, food entrepreneurs, youth groups) have been met during the visits. Nearly a hundred citizens attended the public events organized in collaboration with the Trentino Film Festival, during which some short movies about the environment, climate and activism have been shown. Both in Pergine Valsugana and Arco, the movies have been accompanied by a public debate on green and youth entrepreneurship and sustainable tourism. No less relevant were the intergenerational dialogue meetings organized between the youth members of the COY2021 "Clima Trentino Alto Adige" and the elected representatives of the municipalities of Pergine Valsugana, Arco, San Michele all'Adige, Mezzocorona and Terre d'Adige (overall population of 52.000 inhabitants). The 7 youth involved, supported by 2 senior experts of the Climate Forum of the Autonomous Province of Trento, met and discussed their "Policy Declaration" with 20 mayors and deputies, 3 Senior Managers for School systems and a director of a Tourism Agency. The main target is to raise awareness and discussion about how to co-create solutions to contrast climate emergencies.

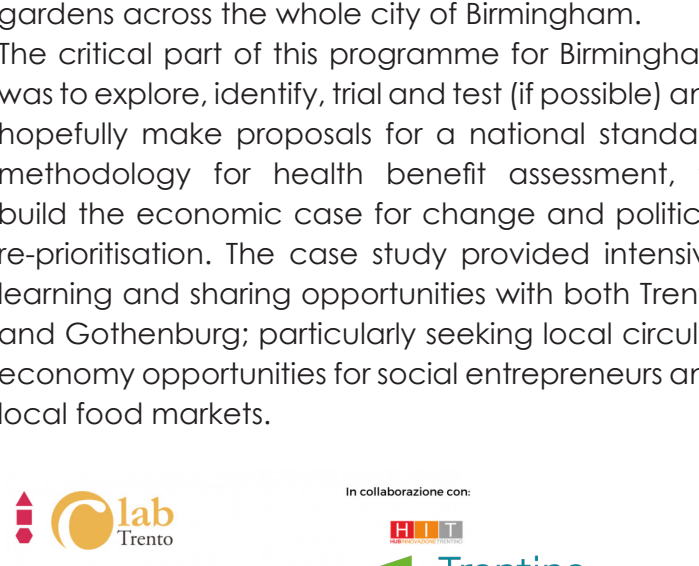


NEWS FROM THE PARTNERS



GOTHENBURG -- Botildenberg Urban Food & Farming week
October 20th – 22nd Final Event

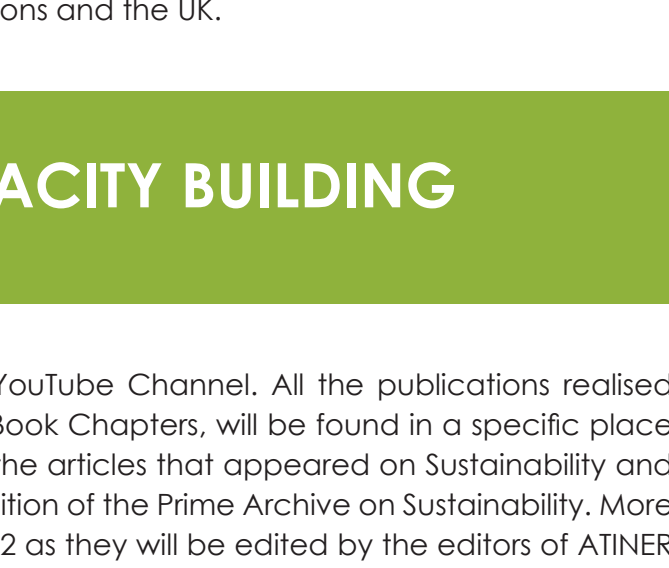
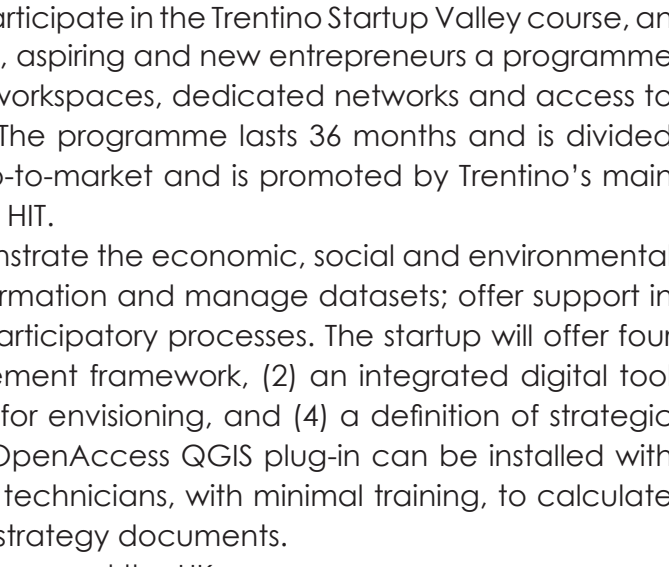
SATURN were a part of Botildenberg's annual conference on urban food & farming and social gastronomy, we co-hosted parts of the program as a smart way of reaching out with the results from our pilot cases (Farming Incubator, Farming Testbeds, The Model Farm and Mapping underutilized farmland) in the Gothenburg HUB. The conference were all about showcasing good examples and methods with focus on the Nordic countries. The target group was people who work in the city with food, farming and sustainable development, whether as a food or farming entrepreneur, a social gastronomist, civil servant or just want to know more about urban food and farming. During the SATURN part of the program there were 96 attendees.



GOTHENBURG -- Model Farm prize winner

Excellent news! The model Farm won a prize for one of the best circular projects connected to food in Sweden by "White Guide" (Scandinavian equivalent to the Guide Michelin). The prize will be a 6 month financed process of R&D to further develop the concept of Model Farm connected to school restaurants. This is also accompanied by the news that a 4th season for the Model Farm will run in 2022! In fact, the department of Primary schools at the Municipality of Gothenburg will finance the city farmer Klara Hansson. If, as foreseen, the Property Management Department also can finance a second person we can expand and start to establish the first satellite farm of the Model Farm in another city district.

BIRMINGHAM -- Naturally Birmingham
Naturally Birmingham is a cross-council – transformation-strategic project, testing new approaches. Essentially it tests a new governance model for public parks and urban greenspace. This new model is drawn from the hidden beneficiaries of urban green space and connect those with the key strategic outcomes sought by Birmingham- to address its 21st century challenges. Working together The City of Nature Alliance aims to support all Birmingham's green spaces to be the best they can be. That could mean connecting more people with their park, reducing social isolation or providing eco-therapy through social prescribing. It might be a well-loved feature of a park that needs protection or repair or a project that will enhance nature and biodiversity. A local school using it as an outdoor classroom or creating a communal garden or pocket park from a drying area.



The aims of the Future Parks Accelerator Project are:
1. Promoting a step-change in how people engage with their parks in order to maximise public benefit, innovation;
2. enabling new cross-sector partnerships that bring together knowledge and expertise from outside the traditional parks sector, embedding new skills;
3. catalysing and blending new sources of funding to enable diversified and sustainable business models that are attractive to new donors, funders and investors;
4. adopting a systemic approach so that a whole place's portfolio of public green space is protected and enhanced, delivering a fair quality and free service to all.

Tame Valley Wetlands
The Tame Valley is one of several case studies for the West Midlands National Park. It is under major development pressure for new housing, industrial and infrastructure projects and is therefore of great interest to many of the authorities in the region, including Birmingham City Council, North Warwickshire Borough Council, Solihull Metropolitan Borough Council, Tamworth Borough Council, Warwickshire and Staffordshire County Councils as well as the cross-authority groupings, such as the Combined Authority, the Midlands Engine and the Local Economic Partnerships. The Tame Valley is an unknown asset for the United Kingdom (UK). Rich with wetlands, sites of special scientific interest, ancient woodlands and with great biodiversity, it contains several areas of outstanding natural beauty (AONB). It is a highly important migratory route for birds. It is believed to have a great potential to provide a substantial ecological, cultural and economic role in the future of the region. The valley is on the eastern periphery of the towns and cities of the West Midlands. Hidden from view by the many routes that pass along it as they encircle the uplifted West Midlands Plateau, it is significantly undervalued as a territorial resource for local populations and the UK.

Growing Communities Network Birmingham
Many individual food growing initiatives operate in the city of Birmingham and the whole conurbation. This case study aimed to create synergies between the different food growing networks and communities in the city. Working in collaboration with the Social Farms and Gardens network, this pilot examined the possibility of creating community gardens across the whole city of Birmingham. The critical part of this programme for Birmingham was to explore, identify, trial and test (if possible) and hopefully make proposals for a national standard methodology for health benefit assessment, to build the economic case for change and political re-prioritisation. The case study provided intensive learning and sharing opportunities with both Trento and Gothenburg; particularly seeking local circular economy opportunities for social entrepreneurs and local food markets.



Candidature aperte fino al 12 settembre
Info e iscrizioni su clab.trentino.it/en/events

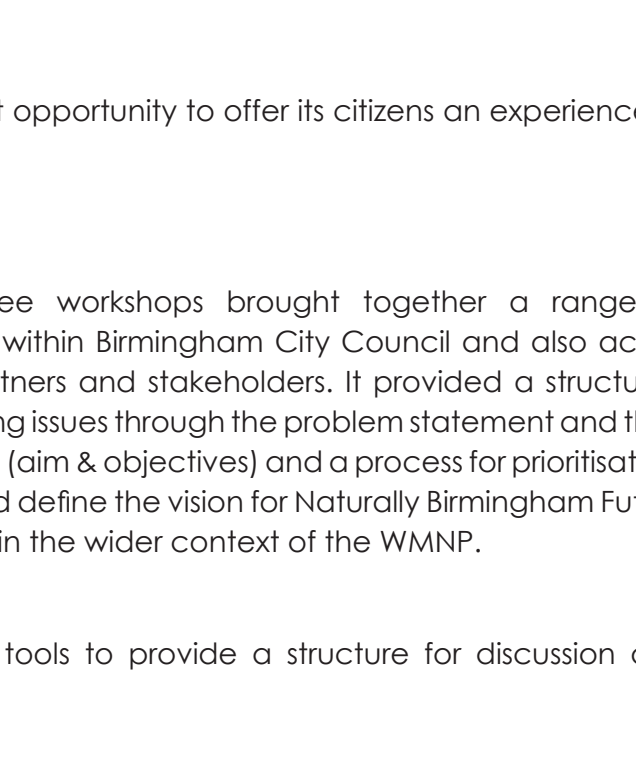
Trentino
Since summer 2021, the Trentino team has taken part in several courses to transfer the knowledge acquired and the tools created during the SATURN project into a startup. First, the team was selected to participate in a Horizon Booster during which a Business Model was developed. Then, the team has been selected for the intensive course "Intro al Business Design" organized by Club Trento in collaboration with HIT - Hub Innovazione Trentino. Finally, the team has been selected to participate in the Trentino Startup Valley course, an accompaniment course designed to offer startups, aspiring and new entrepreneurs a programme that offers personalised coaching, financial support, workshops, dedicated networks and access to specialist investors and business angels. The programme lasts 36 months and is divided into the three stages of Bootstrap, Validation and Go-to-market and is promoted by Trentino's main business support actors, namely Trentino Sviluppo and HIT. The idea of the startup is to analyse datasets to demonstrate the economic, social and environmental sustainability territorial plans and projects; digitise information and manage datasets; offer support in developing sustainable plans and projects through participatory processes. The startup will offer four packages: (1) data collection, analysis and management framework, (2) an integrated digital tool for data processing, (3) a critical evaluation process for envisioning, and (4) a definition of strategic and integrated development plan and actions. An OpenAccess GIS plugin can be installed with running GIS software and it will be delivered to allow technicians, with minimal training, to calculate the sustainability of projects and include the results in strategy documents. Undervalued as a territorial resource for local populations and the UK.

DISSEMINATION AND CAPACITY BUILDING

Published materials
Not only videos, news and recorded events in our YouTube Channel. All the publications realised during SATURN, from articles on Scientific Journals to Book Chapters, will be found in a specific place on the project's website. You can already find there the articles that appeared on Sustainability and Agriculture, as well the Chapter included in the First Edition of the Prime Archive on Sustainability. More publications will be published at the beginning of 2022 as they will be edited by the editors of ATINER Journals series and new books will be published.

Materials available on the dedicated page of website
<https://eventi.fmach.it/saturn/News-and-events/Fublication>

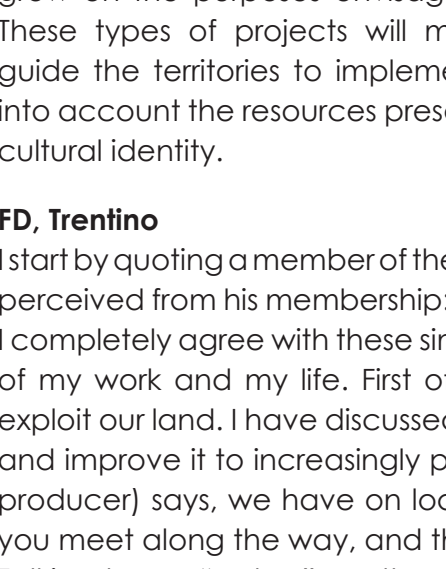
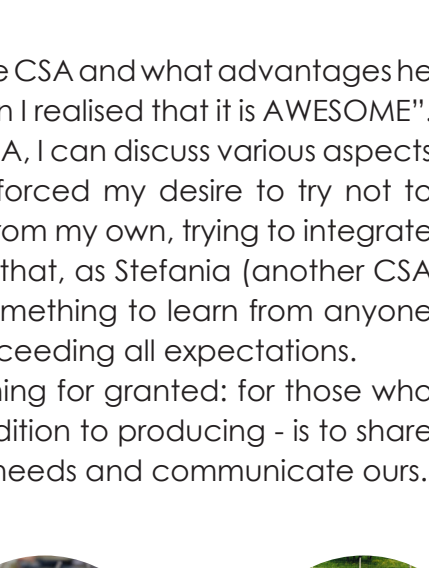
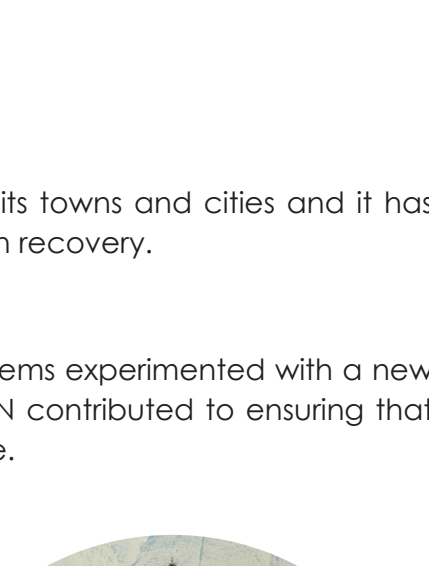
Citizen outreach at European Researchers' night in Trento
"Trasformare, mangiando, conoscendo e raccontando: il dialogo tra soggetti differenti come punto di partenza per nuove progettualità" - 29th September
The SATURN team, in collaboration with the EIT Food PoC "HelpFood", participated in the Researchers' Night 2021, showing that research is not only carried out in laboratories, universities or research centres but also on the ground. Researchers build these relationships through constant interactions with their colleagues, public administrations, representatives of economic sectors and citizens. This dialogue has led to projects that have a real impact on everyone's lives. Moderated by: Sara Favargliotti, Department of Civil, Environmental and Mechanical Engineering, University of Trento and Alessandro Greiter, CRI, Edmund Mach Foundation. Speakers: Malgorzata Swider (Researcher, Wrocław University, Poland), Paola Fontana (Civil servant, Municipality of Trento), Giorgio Perini (Producer, representative of "NaturalMente dal Trentino"), an example of Community Supported Agriculture).



Collaboration between SATURN and MOTION projects: the X-curve for change
One of the most relevant outcomes for the activities related to Work Package 1 "Stakeholders Engagement and Capacity Building" arise from the collaboration with another project co-funded by EIT Climate-KIC: In MOTION, our team was followed by the Austrian Institute of Technology, which objectives us during a journey of reflection on the subject of our project, involving in this exercise both stakeholders and our team. The final result is the definition of an X-curve model representing the "Theory of Change" embedded in SATURN.

VOICES FROM STAKEHOLDERS

One of the main objectives of the Trentino Alto Adige Youth Conference on Climate was to foster a structured dialogue between the youth and the Trentino public administrations. And to achieve it, it was essential to have counted on the contribution of the Saturn project, which made possible a transparent and constructive dialogue between the young and mayors and councilors, who have shown their desire to strengthen processes of active participation of their citizens in facing the great challenges posed by Climate Change.
PL, Trentino
How to tell the beauty of Saturn if not with 5 words: community, future, dialogue, impressions, scenarios. A community that in dialogue questions itself about its future to express impressions and estimate different scenarios. The result is a more enriched community that has helped me and the institution to which I belong to question me in the right way about the future of my area.
SP, Trentino
The activities carried out by the SATURN constitute a point of reference both methodological and for the results obtained for the process started at the provincial level with the Trentino work program Climate Strategy 2021-2023 and aimed at drawing up the provincial strategy for mitigation and adaptation to climate change.
RB, Trentino



AS, Birmingham
Generally a really useful process and some great tools to provide a structure for discussion and recording.
AS, Birmingham
Really enjoyable process, and good to see some plans for next steps.
CH - CB, Birmingham
It is another step towards reimagining this vast forgotten landscape, its towns and cities and it has never been needed more urgently than to inform the post-Covid green recovery.
KJM, Birmingham

The series of three workshops brought together a range of stakeholders from within Birmingham City Council and also across other external partners and stakeholders. It provided a structured process for exploring issues through the problem statement and then looking at solutions (aim & objectives) and a process for prioritisation. The process helped define the vision for Naturally Birmingham Future Parks Accelerator in the wider context of the WMPN.

In Phase 2 of the pandemic, our city project on transforming food systems experimented with a new model of the relationship between producers and consumers. SATURN contributed to ensuring that CSA Naturally in Trentino was born from the evolution of this experience.
PF, Trentino
The SATURN project for our Municipality represented an opportunity for discussion with regional and international bodies but also with local actors. The contribution and techniques used by the working group made it possible to involve not only professionals but above all young people who will have to actively participate in the growth of this area. Being involved in a simple way, making us grow on the purposes envisaged by the project. These types of projects will make it possible to guide the territories to implement projects taking into account the resources present in the area and cultural identity.
FD, Trentino
I start by quoting a member of the CSA when I asked him why he joined the CSA and what advantages he perceived from his membership: "because it seemed great to me... then I realised that it was AWESOME". I completely agree with these simple words. With the members of the CSA, I can discuss various aspects of my work and my life. First of all, talking to the producers has reinforced my desire to try not to exploit our land. I have discussed ways of producing that are different from my own, trying to integrate and improve it to increasingly pursue the protection of the same land that, as Stefania (another CSA producer) says, we have an loan from our children. There is always something to learn from anyone you meet along the way, and this experience has confirmed this by exceeding all expectations. Talking to our "eaters", on the other hand, I learned not to take anything for granted: for those who don't do our job everything is new and unthinkable, so our task - in addition to producing - is to share our experiences with those who don't have them, to understand their needs and communicate our.
NM, CSA NaturalMente in Trentino

Co-funded by the European Union