

Konsernihallinto
Kaupunkikehitysryhmä

2.3.2020

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Rahoitushakemus***Circular Turku: ICLEI & City of Turku partnership for the design of the regional Resource Wisdom Roadmap – Co-Design Phase and Test & Synergy Phase***

Tämä rahoitushakemus on jatkoa elokuussa 2019 käynnistyneelle Turun kaupungin ja ICLEI:n yhteishankkeelle seudullisen tiekartan ja uuden, resurssiviisautta edistävän Circular Turku -toimintamallin kehittämistä. Resurssiviisauden tiekartan käynnistysvaihe, Inception Phase, toteutettiin Sitran, Turun kaupungin ja ICLEI:n yhteishankkeena 1.8.2019 - 29.2.2020.

Inception Phase -hanke on kiinteä osa viisivaiheista tiekarttaprosessia, jonka suunnitelma ulottuu vuoden 2021 loppuun. Inception phase -hanke on saavuttanut monistettavia tuloksia, herättänyt kiinnostusta muissa kaupungeissa Suomessa ja kansainvälisesti sekä ylittänyt sille hankesuunnitelmassa asetetut tavoitteet. Tiekartan ja uuden toimintamallin luominen on myös osa ICLEI:n globaalin kiertotalousagendan kehittämistä.

Hanke toteuttaa Sitran ja Turun kaupungin kestävän kehityksen kumppanuuden tavoitteita (sopimukset 17. huhtikuuta 2015 ja 1. helmikuuta 2019). Kumppanuutta on ohjannut Sitran yliasiamiehen ja Turun kaupunginjohtajan muodostama ohjausryhmä.

Resurssiviisauden tiekartan valmisteluprosessi tehdään laajalla yhteistyöllä ulottuen alueellisista kumppaneista kansainvälisiin kaupunkiverkostoihin. Turun kaupungin kumppaneina tiekartan valmisteluprosessissa ovat ICLEI World ja ICLEI East-Asia -sihteeristöt. Valmistelutyötä ohjaa laaja joukko alueellisia yhteistyökumppaneita. Uuden toimintamallin yhteiskehittämisen, tietopohjan ja alueellisten toimijoiden osallistamisen vahvistamiseksi tiekartan seuraavien vaiheiden projektikumppaneiksi liittyvät myös Varsinais-Suomen liiton Valonia ja Turun Yliopiston Tulevaisuuden tutkimuskeskus.

Turun kaupunki hakee Sitralta jatkorahoitusta Inception Phase -hankkeessa käynnistetyille alueelliselle resurssiviisauden tiekartalle ja uudenlaisen toimintamallin kehittämiseksi. Rahoitushakemus sisältää toimenpiteet tiekarttaprosessin vaiheille 2 (Co-Design) ja 3 (Test & Synergy).

2.3.2020

Tiekartan projektikuvaus ja hankesuunnitelman vaiheet on valmisteltu yhteistyössä ICLEI – Local Governments for Sustainability -verkoston ICLEI World - ja ICLEI East-Asia -sihteeristöjen kanssa.

Sitralta haettava rahoitus on 80 000 euroa kohdistuen vuoteen 2020. Rahoituksen hakija on Turun kaupunki, ja hanke toteutetaan yhteistyössä ICLEI:n, Tulevaisuuden tutkimuskeskuksen ja Valonian kanssa. Jokainen kumppani panostaa hankkeeseen myös omia resurssejaan.

Tiekarttaprosessin sekä seuraavien hankevaiheiden kuvaukset ja budjetti ovat ohessa liitteenä.

Turussa 2.3.2020



Risto Veivo
Kehittämispäällikkö
Kaupunkikehitysryhmä



Tiina Vikman
Erityisasiantuntija
Kaupunkikehitysryhmä

Liitteet:

- Projektikuvaus, Circular Turku – ICLEI-Turku partnership
- Projekti-suunnitelma, Co-design Phase, 1.3.-31.8.2020
- Projekti-suunnitelma, Test & Synergy Phase, 1.9.-31.12.2020
- Budjettiluonnos vuodelle 2020 (Co-design ja Test & Synergy -vaiheet)

Circular Turku: ICLEI & City of Turku partnership for the design of the regional Resource Wisdom Roadmap

*Overall process description of the design of the regional Resource Wisdom Roadmap
Updated 13.2.2020 as a preparation for the co-design and test & synergy phases*

Background and preparation

City of Turku

Turku has set ambitious goals of resource-wisdom in the City Strategy (City Council 16 April 2018). Resource-wisdom is defined by three objectives: no waste, no emissions and one-planet-living by 2040. These objectives are closely related to sustainable development and reaching them requires both an ambitious Climate Policy and implementation of Circular Economy in practice. The City of Turku has developed a Climate Plan comprising an ambitious goal of becoming a carbon neutral city area by 2029 and reaching climate positivity with negative net emissions thereafter (Sustainable Energy and Climate Action Plan SECAP approved unanimously by the City Council 11 June 2018).

The City of Turku and Finnish Innovation Fund Sitra have collaborated in terms of a sustainable development partnership since 2015. On 1st February 2019 the city of Turku and Sitra signed a continued partnership agreement for the year 2019. The continued agreement included collaboration on circular solutions to support the transition towards a resource-wise city.

The Circular Turku Resource Wisdom Roadmap is prepared with procedure and expert support from ICLEI as part of the Circular Turku project and with global replicability in mind. The roadmap procedure also builds on the national Circular Economy Roadmap 2.0 published by Sitra in 2019 and aims at setting a scalable, regional example of a resource wisdom roadmap with clear measures and indicators.

The preparations of a national strategic advancement action plan for circular economy is underway as of December 2019. Mayor Minna Arve from the city of Turku will chair the theme group for Cities and Regions. As the preparatory work of the Turku region's RWR and the national strategic action plan for circular economy take place simultaneously and the lead in Turku has a set role in the preparation, synergies can be created.

As a step towards becoming a resource-wise city Turku aims at building a stronger bond between the UN Sustainable Development Goals (SDGs) and the local/regional climate and resource wisdom targets. Turku recognizes the potential of the circular economy to operationalise resource wisdom and the SDGs. As a preparation for the new regional resource wisdom roadmap the City of Turku and

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Finland Futures Research Centre conducted a joint feasibility study determining the preconditions of Turku to take part in the Green Circular Cities Coalition initiated by ICLEI – Local Governments for Sustainability, the largest city network. The study analyzed regional Circular Economy efforts through the lense of the six thematic areas defined by ICLEI: Urban spatial planning and governance, circular public procurement and supply chain, circular industrial park, municipal resource management, buildings and construction and water-food-energy nexus.

To operationalize a socially sustainable, fair circular transition, the solid integration of Sustainable Development Goals into the resource wisdom roadmap is crucial. The City of Turku will update its City Strategy in 2021 and plans to create a cross-cutting view on sustainable development in the new strategy by embedding SDG related targets and indicators. The localization work on the SDG's is underway – the first mapping analyses have been made, and Turku is currently preparing a Voluntary Local Review (VLR) to be submitted in Spring 2020. By linking the SDGs to the RWR process, Turku aims at ensuring the circular transition is fair. As such, socio-economic indicators will be selected as part of the co-design phase and the continuous involvement of various community groups.

ICLEI

ICLEI's support to Turku will build on the [Green Circular Cities Coalition](#) (GCCC), the [Urban Transitions Alliance](#) (UTA) and its global activities with regards to [circular development](#).

ICLEI initiated the Green Circular Cities Coalition in 2018 and officially launched in 2019, aiming to foster the circular transition in cities by connecting government officials, experts, businesses and relevant stakeholders to share practices and solutions. Recognising the transition is a long journey and cooperation is crucial in converting challenges into opportunities, the Coalition attempts to gather scattered efforts and potentials in cities for scaling up the transition.

The circular transition is an integrated approach to synergise intertwined strategies and actions taken by a wide spectrum of stakeholders for achieving carbon neutrality, zero-waste, and biodiversity. The process requires actors in different sectors and fields taking collaborative efforts. Given that the world's production and consumption economy is deeply interconnected, any single action taken by anyone will have an impact on global society. Cities and regions are the most appropriate unit to initiate actions and test solutions, particularly with the scale of population and businesses. The more actions and alternatives are taken, the higher potential of the current linear and unsustainable development paradigm can be shifted to a sustainable one. The more cities and regions take initiatives and prove the duplicability, the more robust of the new paradigm for the socio-economy.

Turku, with ongoing efforts on sustainable development, resources wisdom and the carbon-neutrality target, is the first batch of cities joining ICLEI's Green Circular Cities Coalition. The actions and approaches taken in Turku will continuously share with the global cities via the Coalition for scaling up and piloting, joint efforts with other city peers on exploring solutions, and leading the global movement towards the circular economy. Turku will also benefit from the Coalition by receiving knowledge and expertise in policy integration and transition management, tools and methodologies, and implementation optimisation.

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Knowledge and experience exchange and mutual learning across 6 main thematic areas constitute the core of the GCCC.



The Urban Transitions Alliance is a network of industrial legacy cities started in 2017 with the goal of connecting cities with an industrial past and provide them with a platform to identify common challenges, share knowledge, co-create solutions and forge strong working relationships with local government peers, research experts and private sector solution providers. More information can be found on www.urbantransitions.org. Turku joined the UTA in 2019 prior to the Resource Wisdom Roadmap. During the ongoing year Turku will benefit from the UTA by receiving expert support and connecting with cities to create solutions for embedding equity and social sustainability in the RWR process. The aim is to strongly link this work to the Circular Turku project. Participatory approaches in the roadmap preparation and the development of social equity indicators for the actual blueprint of the roadmap will be further explored as part of the Turku-UTA activities.

All work streams outlined below build on successful experiences from ICLEI members from all world regions, especially from members of the GCCC and of the UTA. The different tools and methodologies developed or fine-tuned under this project and piloted with Turku will be shared through the GCCC and the wider ICLEI network to be replicated globally. ICLEI's focus will be placed on positioning Turku as a circularity front-runner.

ICLEI and the City of Turku both see the development of this roadmap as an opportunity to create a blueprint for other local governments to promote inclusive and collaborative circularity, both in Finland and globally. Replication and scaling opportunities will build on in simultaneous national roadmap processes, both Finnish and international sustainability networks for cities and regions, and

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in targeted knowledge exchanges facilitated by the ICLEI GCCC network. Synergies with the International Urban Co-operation Programme (IUC), where Turku is partnered with City of Nagano and Town of Obuse in Japan, are also explored.

Timeline and work streams for the design of the Resource Wisdom Roadmap (RWR)

Several elements are necessary to design and implement an ambitious Resource Wisdom Roadmap in the Turku region:

- Ambitious goals that are mutually reinforcing with other sustainability agendas in Turku
- The engagement and buy-in of all relevant stakeholders
- An enabling policy environment to support the goals laid out in the roadmap
- Methodologies and tools to operationalize the roadmap and track progress
- Access to worldwide best practices and examples of local and regional circularity projects

The different project phases and work streams outlined below aim at achieving these objectives by the end of 2021, with an official release at the ICLEI World Congress in Malmö.

Overview of the inception phase

The inception phase of the Resource Wisdom Roadmap partnership was implemented in August 2019 – February 2020. The inception phase included the following activities:

- The engagement of most immediate, relevant regional and international actors for the design of the roadmap
- The development of a selection process for the priority topics of the roadmap and implementing the selection process with the project steering group consisting of relevant stakeholders
- First situation analyses of the chosen priority topics completed and involvement of an expert group for each priority topic in a co-creation workshop at the end of the inception phase. Early identification of five cross-cutting enablers for the roadmap priority topics.
- First citizen involvement campaign launched, laying the ground for the citizen involvement in the co-design phase
- Collecting specific and detailed case studies of circular thematic areas according to the GCCC definition, laying ground for international scalability and broadening the other local governments' definition of circular economy
- International positioning and advocacy on Turku's climate and circular ambitions and measures.

- Taking part in the GCCC kick-off at Shenzhen, China in August 2019.
- Visibility at various regional, national and international events throughout the inception phase
- As one highlight for the inception phase, a strong involvement and regional advocacy at COP25 linking climate action to circularity
- Knowledge exchange activities and establishing connections with Japanese cities, led by ICLEI East Asia and ICLEI Japan; and identify specific four aspects for high potential collaboration:
 - Localizing and operationalizing circular economy framework
 - Linking carbon neutrality goals to the circular economy
 - Bringing the circular economy to food systems
 - Shifting to 1.5-degree lifestyles and engaging citizens
- Development of an outreach strategy and communication plan for the next phases of the project
- Design of a work plan for the period 2020 – 2021 of the project

Main work streams

Work Stream 1: Collaboration

Based on the feasibility study conducted by Finland Futures Research Center, earlier roadmap processes and exchanges with local and regional stakeholders, the following priority topics for the Resource Wisdom Roadmap have been collaboratively identified by the project steering group during the inception phase through a dedicated methodology encompassing diverse indicators:

- 1) Food value chain
- 2) Energy System
- 3) Buildings and Construction
- 4) Transport and Logistics
- 5) Water Cycles

The aim is to collect inputs from all relevant stakeholders on how action can be taken across the five priority topics to inform the new city strategy. This work builds on the mapping on existing assets and strengths conducted during the inception phase. To help frame consultations and identify leverage points, the following cross-cutting enablers have been pre-identified:

1. Regulation and policies
2. Public Procurement
3. Regional collaboration
4. Sustainable everyday life and community involvement
5. City-business collaboration and cooperation with export industries

By clearly understanding the needs of regional stakeholders, their context and ambitions, the project will inform bottom-up policy making to operationalize the circular economy in the Turku region.

Business networks specializing in circular economy play a key role in identifying circular business opportunities. Business engagement methodologies will therefore be designed in collaboration with ICLEI's City-Business program and the existing network of circular business expertise operating in the Turku region, such as:

- The CleanTurku cluster – a spearhead field in bio and circular economies and cleantech conducted by Turku Science Park
- The Bastu network – a business enabler for entrepreneurs and businesses in the Turku region to create and discover innovative business concepts in circular economy. Bastu is conducted by University of Turku and has been supported by the City of Turku and Sitra.
- The Topinpuisto circular economy network and hub in Turku holds industry-specific expertise (textile recycling, municipal and company waste management, biogas production etc.) and collaboration opportunities in business engagement. Topinpuisto is also linked to Circhubs, a network of circular economy centres in Finland. The City of Turku is a partner with Topinpuisto.

Work Stream 2: Implementation

The knowledge gathered prior and during the project on circular economy in the region will be compiled into a blueprint action plan and an online platform for all stakeholders to access easily. The platform will have both a local component and a global dimension, with content translated to English and focused on replicable methodologies and tools.

Along with the consultations happening in WS1, benchmarking of worldwide best practices will support the design on a city strategy strongly supporting the further and systemic development of circular economy initiatives. Many local governments of the ICLEI network have designed action plans for circularity and integrated resource management. These efforts are scattered across different world regions and there is currently no blueprint for a circular policies framework at the local level. The Circular Turku project will create a blueprint for such a framework.

A monitoring framework tailored to the needs of the city of Turku will be developed and linked to the SDGs to ensure circularity leads to cross-cutting benefits for all residents.

City of Turku will include key objectives and targets of the Resource Wisdom Roadmap into the new City Strategy and other binding policy documents, as appropriate. The Resource Wisdom Roadmap shall be proceeded in the decision-making bodies (City Council and/or Board) and the city shall implement the roadmap goals and actions as part of annual steering of the city group through budgets and action plans. The City shall also host the Circular Turku Platform and allocate resources for collaboration, co-creation and engagement of partners, stakeholders and citizens.

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Work Stream 3: Outreach

This work stream aims at positioning Turku as a global circular economy front-runner, facilitate replication of Turku's best practices, build on Turku's cases to advocate for the circular economy to be linked to climate action and biodiversity protection and foster local awareness on the circular economy.

Through the GCCC, the broader ICLEI network and events such as the ICLEI World Congress 2021, ICLEI will promote Turku's best practices on the global stage. Successful initiatives from Turku will also be shared directly with ICLEI members looking for specific expertise. Materials relevant to Finnish context produced as part of this work stream will be translated to Finnish for the city of Turku to disseminate them among other Finnish local governments.

Knowledge exchanges among members of the Green Circular Cities Coalition help cities identify common goals in circularity and support the development of a globally joint understanding for cities to define circular economy and help identify the public sector's role in advancing circularity. These exchanges will inform the level of ambition of Turku's Resource Wisdom Roadmap and create a global momentum around the front-running efforts of Turku with regards to regional circularity.

A specific focus is placed on knowledge exchanges with Japan to explore how circular economy principles are operationalized at the local level, building upon the foundation laid in the inception phase. The knowledge exchanges will focus on the local-integration of carbon-neutrality goals and SDGs and biodiversity agenda, as well as the shift to 1.5-degree lifestyles

An advocacy strategy will be prepared to link the circular economy to climate action and biodiversity protection on the global stage, through COP26 in Glasgow and the Convention on Biological Diversity COP 15.

At the local level, this work stream will focus on residents' engagement and raising awareness on sustainable lifestyles. This will build on existing work undertaken around the 1.5 degree lifestyles, social equity work conducted as part of the Urban Transitions Alliance and continuous consultations with stakeholders.

Timeline

The following timeline is planned to roll out the different work streams from March 2020 onwards:

- March – August 2020 - Co-design phase:** This phase gathers inputs and recommendations on the different components of the regional roadmap (goal setting, collaborative platform, pathways for action, monitoring framework). The co-design phase will facilitate the collaborative identification of measures and pathways for action for the priority topics across cross-cutting enablers. Furthermore, indicators that ensure tracking progress of the measures will be identified. The co-design phase also includes a continued focus on international positioning through a dedicated media strategy as well as residents' engagement on circularity. During this phase, the final platform hosting the roadmap will be initially designed.
- September 2020 – December 2020 – Test and synergy phase:** In the Test & Synergy phase different components of the regional roadmap will be tested with regional actors, and feedback ahead of the implementation phase will be collected. The online platform will be further refined for implementation in the following phase. This phase will also compile immediate measures for action to be rolled out in the next phase and identify synergies with other sustainability agendas, such as the SDGs, climate action and biodiversity. A highlight of this phase will be Turku's positioning at the biodiversity and climate COP, to demonstrate on the international stage how circularity supports climate action and biodiversity protection. A strong focus will also be placed on the role businesses can play in the transition and how the Turku city strategy can support circular economy action.
- January – July 2021 - Implementation phase:** Application of the measures and tools developed or refined during the project. Launch of the online collaborative platform. Development of the monitoring and implementation framework. Launch of the Resource Wisdom Roadmap at the ICLEI World Congress 2021.
- August – December 2021 - Dissemination phase.** Refinement of the monitoring framework and final incorporation of the project's outcomes in the city strategy and other policy documents, as appropriate. Decision-making on the Resource Wisdom Roadmap at City Council and/or City Board, as appropriate. Further local/regional engagement, commitment of stakeholders and co-creation of Resource Wisdom actions. Global dissemination of the outcomes of the project as well as dissemination in Finland for replication among Finnish municipalities.

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Co-Design phase

Time frame: March 2020 – August 2020

Building on the outcomes of the inception phase, the co-design phase aims at gathering inputs and recommendations on the different components of the regional roadmap (goal setting, collaborative platform, pathways for action, monitoring framework...), so that these can be tested in the next phase.

Through its three work streams, the co-design phase will facilitate the collaborative identification of pathways for action for the priority topics across 5 cross-cutting enablers: 1) Regulation and policies, 2) Public Procurement, 3) Regional collaboration, 4) Sustainable everyday life, inclusiveness and community involvement and 5) City-business collaboration (enablers to be confirmed and further developed in the co-design phase). Particular emphasis will be placed on making sure community groups are involved in the decision-making process of the roadmap and that socio-economic indicators are used to monitor progress.

Finally, the co-design phase will place a strong focus on international positioning and knowledge exchange to facilitate replication of the good practices compiled during the inception phase. as well as regional awareness raising and residents' engagement on circularity.

Work stream 1: COLLABORATION

Objectives:

- **Agree on a clear structure for the roadmap**, with the needs of regional actors represented
- **Compile the most updated information** on the priority topics, map challenges and opportunities
- **Jointly identify measures and indicators** for the roadmap within the priority topics, linked with cross-cutting enablers
- **Design a set of activities for business engagement from** a value chain perspective to be implemented in the Test and Synergies phase

Key activities:

Designing the backbone of the Roadmap: The different elements needed to be included in the roadmap (baseline stocktaking, 2025 – 2029 – 2040 target setting, short/mid/long-term measures suggestion, initial identification of implementers for the measures, synergies with SDGs & carbon neutral target etc.) will be discussed with regional actors to ensure the structure of the roadmap reflect their needs.

- **Co-creation workshops on the priority topics** in partnership with regional experts, aiming at gathering an updated stakeholder mapping along regional value chains, data and indicators needs, policy recommendations for the new city strategy, challenges and opportunities and measures across the cross-cutting enablers. The methodology of these workshops will be tailored to regional needs while at the same time ensuring it can be replicated and adapted

by other local governments. Each workshop will place a strong focus on community involvement and fairness to ensure future action on the priority topics benefits all.

- **Planning for business engagement in the next phase:** In partnership with regional actors, this phase will plan a set of actions for business engagement along the 5 priority topics in the next phase, with a focus on adopting a supply chain perspective. For example, service design incorporated with circular economy principles can be utilized.

Work stream 2: IMPLEMENTATION

Objectives:

- **Co-design the structure of the long-term collaboration platform** for Circular Turku
- **Facilitate access to worldwide best practices** and examples with regards to the priority topics
- **Map indicators and methodologies needs** to operationalize circularity across the priority topics, with a focus on including socio-economic indicators.
- Ensure an **enabling policy environment** with high synergy to support the goals laid out in the roadmap, including Turku City Strategy and other strategic documents and processes in South-West Finland and national level, as appropriate.

Key activities:

- **Tailored policy guidance** is provided across the 5 circular economy enablers for the priority topics based on best practices worldwide. A circular enabler topic briefing is compiled for each of the priority topics, as well as the existing linkages with the SDGs.

Monitoring needs assessment: Research on indicators and management tools per priority topic, with insights from local governments worldwide, especially on how to include social indicators.

Consultation on the online Circular-Turku platform for long-term collaboration: The final roadmap will be operationalised through an online platform to track progress on regional circularity across the different priority topics and facilitate collaborative process and residents' engagement. The backbone structure of the platform will be discussed with regional actors and ICLEI communication experts during this phase. Interconnections with other regional platforms, such as the Circular Economy Platform in Southwest Finland and the Turku climate action database will be explored.

Work stream 3: OUTREACH

Objectives:

- **Circular Turku awareness raising and local momentum development** – Increase the local and regional awareness and recognition on Circular Turku and illustrate the benefits of the circular economy.
- **Residents engagement** on the incorporating circularity in their everyday life and how the city can support community driven initiatives.

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- **Global positioning of circular efforts in Turku:** Inspire international communities and like-minded cities to take actions, including Green Circular Cities Coalition members and ICLEI member cities

Key activities:

- **Sustainable everyday life campaign:** Co-design concepts with local universities, local institutions, local campaigners, etc. on sustainable lifestyles for circular economy transitions; launch of an initial campaign and explore the potential to launch a twin-campaign in cities in Japan, focused on a specific topic, during the test & synergies phase.
- **Circular Turku study tour:** Co-create a Circular Turku Study Tour (consultation and co-operation the event team of the city and with [Visit Turku](#)), with the plan to test it with local governments of the Green Circular Cities Coalition in the next phase.
- **Circular Turku Event:** Co-design concept with FFRC and business stakeholders, particularly on business engagement.
- **Global dissemination:** Continuously convey and demonstrate the outcomes of the inception and co-design phase at international events, through the ICLEI network and the Green Circular Cities Coalition. Further development of the media strategy for global dissemination.

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Test & Synergy phase

Time frame: September 2020 – December 2020

The Test & Synergy phase aims at testing the different components of the roadmap with regional actors and collecting their feedback ahead of the implementation phase. This phase will also compile immediate measures for action to be rolled out in the next phase and identify synergies with other sustainability agendas, such as the SDGs, climate action and biodiversity.

As part of the outreach workstream, a highlight of this phase will be Turku's positioning at the biodiversity and climate COPs, to demonstrate on the international stage how circularity supports climate action and biodiversity protection and facilitate replication of Turku's best practices.

In this phase, a strong focus will be placed on the role local communities can play in the circular transition and how the Turku city strategy can support circular economy action.

Work stream 1: COLLABORATION

Objectives:

- Design an advanced draft of the Circular Turku roadmap with cross sectoral stakeholder participation
- Co-identify and determine a set of immediate circularity measures for implementation in the next phase
- Implement a concept for business engagement focusing on roadmap objectives and the elements that most critically need business involvement

Key activities:

- **Compilation of a zero draft for the roadmap** based on further consultations and cross sectoral consultation with stakeholders along the value chain and a multi-level governmental consultation mechanism (regional, national, European level, etc.)
- **Consultation activities focused on co-identification of immediate measures** for circularity to be rolled out in the next phase, based on regional and international learnings from the co-design phase.
- **Business engagement** on the elements of the roadmap that will need their involvement, in collaboration with Turku Science Park and the Bastu network (to be discussed with said partners, and concept to be developed during the previous phase).

Work stream 2: IMPLEMENTATION

Objectives:

- Ensure the **online collaboration platform** can be ready for implementation in the next phase
- Formulate **policy recommendations** that can be taken into account in the city strategy in 2021
- Compile elements for **monitoring framework** in consultation with regional actors and in alignment with the priority topics

Key activities:

- **First version of online platform for review:** A 1.0. version of the Circular Turku platform including content visualisation will be presented to stakeholders for their feedback and further inputs. The website delivery will be kickstarted in this phase.
- **Policy action:** Based on the assessment conducted in the co-design phase, specific policy recommendations will be formulated, in preparation of the renewal of the city strategy in 2021, including a focus on public procurements. Potential impact on other strategy documents and policy processes in South-west Finland and on national level, as appropriate.
- **Compilation of the monitoring framework:** For each priority topic, key cross-cutting indicators will be compiled based on research done in the co-design phase. A specific focus will be placed on linking the performance indicators to climate neutrality and the SDGs.

Work stream 3: OUTREACH

Objectives:

- Encourage like-minded cities to take actions on circular transition and resource wisdom;
- Demonstrate the integration and **synergies between the circular economy and key sustainability topics** (such as SDGs localization, fair transitions, carbon neutrality, etc.
- Engage local actors in the international demonstration of circular economy best practices

Key activities:

- **Engagement at Convention on Biological Diversity COP15 (in Kunming, China):** Identification of solutions that pursue the triple goal of climate neutrality, circularity and biodiversity protection; mutual learning exchange with Japanese cities.
- **Engagement at COP26 (in Glasgow UK):** Demonstrate the synergies and integration among circularity, fair transitions, and industrial transitions.
- **Engagement at World Circular Economy Forum:** international campaign managed by ICLEI to position Turku as a frontrunner on circular economy in cities

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- **Dissemination of city-business collaboration on circularity:** Compile lessons learnt from city-business collaboration for global dissemination via ICLEI and the GCCC;
- **Global replication activities:** Scaling circularity through exchanges with selected local governments based on consultations in the previous phase and with a specific focus on Japan and GCCC. Further development of twin-campaigns and activities in Japan.

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Budget for Co-desing and Test and synergy phases

For period 1 March – 31 December 2020

Turku		
	Staff costs	66728
	Communication	8000
	Expertise	4500
	Travel and accommodation	9220
Sub-total		88448
Local Partners		
	FFRC (Finland Futures Research Centre)	20000
	Valonia	20000
Sub-total		40000
ICLEI		
	Staff costs	58928
	Communication	1000
	Expertise	32200
	Travel and accommodation	8000
Sub-total		100128
TOTAL		228576

Co-funding		
Turku and Partners		
	Turku	110824
	ICLEI	29750
	FFRC	4000
	Valonia	4000
Turku and Partners (sub-total)		148574
Sitra		80001
TOTAL		228576