

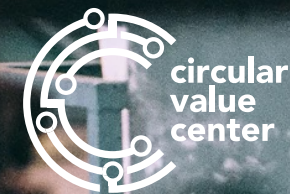


CVC FAST FORWARD

Remanufacturing the future

Informatiepakket
Maart 2024

Provincie Noord-Brabant





Contents

01 Fact sheet

02 CVC Fast Forward: the approach

03 CVC & proces facilitation

04 An example from 2023

05 Investment, results & criteria

06 Planning & program

07 Info, selection & enrollment

01 Fact sheet

Do you recognize the potential of a circular economy for your organization however, you are not quite sure how to start? Are you looking for opportunities to co-create with partners from your chain?

A circular chain project, offered by the Circular Value Center, might just be the perfect opportunity to take a chance together.

Provincie Noord-Brabant

1

In the CVC Fast Forward program, we work with production chains consisting of several companies. These organizations will be guided through the process of building shared circular value cases.

2

SOME OF THE ADVANTAGES

1. A clear vision of your position, role and business model in a circular chain.
2. Co-creation with and alignment amongst chain partners to become 'future-proof' together.
3. Support from the CVC community, the province and potentially sub partners in the form of knowledge institutions, regional development parties, subsidy or finance opportunities.

3

THE RESULT

A clear view of the future circular chain and concrete course of action! A clear business model and role division for the chain companies, complete with breakthroughs and clear steps to realise the collectively formulated vision.

02 CVC Fast Forward

What makes the approach work?

Practice shows that participants often have the desire to discuss their shared goals in depth. The main challenge therein is to not just seek insight in the technical content of the project but work through the whole collaborative process including more contextual aspects to finally reach project readiness. We are here to help! You will be facilitated through a balanced trajectory during which we will zoom in as well as broaden our scope. In addition, we take support with long-term activation and critical management commitment for the project through inspiring events.



MEETING

Engage with representatives with different expertise from (in)direct partners of your company's production chain.



BECOMING ACQUINTED

Getting to know chain partners, their motivations and sustainability strategies. In this way a common target is set, and everyone's needs are catered.



ACCELERATING

After laying a strong foundation, the building blocks are in place for a quicker and better execution of the circular projects.

**Accelerating together,
outside of usual
frameworks**

03 Circular Value Center & facilitation

CIRCULAR VALUE CENTER

The Circular Value Center was initiated by the Province of Noord-Brabant and the provincial development agency (BOM), together with Smart Industry Nederland. It supports entrepreneurs in the manufacturing industry that aim to practically accelerate circular business engagement. The province of Noord-Brabant strives towards a circular transition in its economy. The circular economy will contribute to a 50% reduction of resource utilization by 2030.

The CVC community consists of parties such as Metaalunie, FME, the four regional development organizations of Brabant, the technical university of Eindhoven and the Fontys university of applied sciences. Together, they support organizations in the local manufacturing industry towards circularity.

YELLOWCHESS AND IMPACTX

The CVC Fast Forward program is facilitated by Yellowchess and ImpactX. Yellowchess is a strategy and innovation partner that supports companies, governments and other organizations to create breakthroughs in societal challenges. ImpactX provides support for companies in need of sustainable innovation, specialized in circularity. ImpactX is the content specialist, while Yellowchess facilitates the collaboration process.

HOW ARE THE CHAINS COMPOSED?

Interested companies are expected to partner with at least one other party from their chain to participate in the chain project. From there, we engage together in finding other essential parties, needed to start a successful chain project. The facilitating parties (Yellowchess & ImpactX) will support further onboarding of chain participants and explaining the opportunities and structure of the chain projects.

FACILITATION

The chain partners that decide to engage in the program will be supported in the identification of opportunities for their future circular production chain, development of suiting circular business models and essential breakthroughs, concrete steps and resources. Through a structured collaboration process, we work out a concrete course of action to turn ideas into reality. This will be done during four (physical) chain day gatherings and a closing event for the whole CVC community. Besides the process and content facilitation by Yellowchess and ImpactX, several experts of the CVC community (such as knowledge institutions or subsidy experts) can be invited to help with specific themes and challenges. The program will be (partly) in English.

Good to know: Last year's participants scored the CVC Fast Forward program a 9,2 out of ten.



04 An example from 2023

CIRCULAR PLASTICS FOR CLEANROOM PACKAGING APPLICATIONS

One of the chains of the 2023 CVC Fast Forward program consisted of Mitsubishi Chemicals, Vink Kunststoffen, HQ Pack, and ASML. They have collaborated to produce circular high-value plastics for packaging in the semiconductor sector.

ASML's machines are developed in cleanrooms and transported to places all over the world. To ensure that a machine can be installed in perfect shape on location, the packaging is crucial. Think of 'mini-cleanrooms' that can be transported anywhere, under all conditions.

The chain of Mitsubishi Chemicals, Vink Kunststoffen, HQ Pack and ASML (from supplier to end user) was facilitated to collaboratively look at technical challenges, return flows, the organizational narratives, product/material ownership, the business model, and management commitment amongst other things.

The collaboration and solutions strengthen the strategical relations between the organizations and ensure that the ecological footprint of material use is decreased significantly. The estimated reduction of CO2 emissions is 75% compared to using new materials.

A success story of parties that found each other in their shared ambition for a sustainable future. Fast Forward brought them up to speed; they now collaborate towards actual implementation.



05 Investment, the results & criteria

WHAT IS ASKED FROM YOU AS A COMPANY?

Participation is free of any financial investment. The Province of Noord-Brabant bares the costs for process facilitation. It does however demand a time investment. For instance, during the four chain days in September, October and November as well as the time in between those physical gatherings. After all, we are preparing your company (and your partners) for the future. Looking at last year's chain projects, we have noticed that the companies find much value in their participation.

Mostly, what is asked from you as a participating organization is your enthusiasm to take circular steps together with the partners of your value chain. It demands a certain open attitude and transparency to find solutions together. It does not matter that your organization is still in search for the 'how?', the CVC Fast Forward consortium guides you in the right direction.

THE RESULTS

As a result of your participation in the CVC Fast Forward program you will have a clear image of your future circular chain, the role and business model for the chain companies and future steps to realize your shared vision. From that point onwards, together with the CVC community, you will look at the support and means necessary to develop the circular chain. Think about things such as a subsidy application or access to research or support from knowledge institutions. We aim to develop a concrete plan for collaborative action and continuation together.

CRITERIA FOR PARTICIPATION

There are certain criteria for participation in the CVC Fast Forward program. We focus on chain collaboration in the manufacturing industry of Noord-Brabant. Think of the manufactory of machines, devices and capital goods used in sectors such as food, high-tech, medical and automotive. In addition, we look at whether the product or service is scalable and what the desired impact (for companies) on both the short and middle-long-term is. We need a minimum of two chain partners to enroll for the program. Further chain partners will be included in the process from thereon.

This set of criteria has been drawn up with the help of CVC community partners such as branch organizations and development agencies. You do not need to decide about your participation until after the Q&A sessions (next page). The application is followed by a brief selection process, after which the collaboration can officially start.

The criteria for participation are:

- Challenge/ solution impact: Is there a clearly defined challenge of significant impact with sufficient perspective for a circular solution?
- Support: Are there a minimum of two companies in the chain that want to be actively involved in the project? Are they willing to invest in what is a long-term vision?
- Scalability: How scalable is the project and how effectively can it grow after the CVC Fast Forward program?
- Regional spreading: We strive to include companies from different parts of the province. This does not necessarily mean that all partaking companies should come from or be based in Noord-Brabant.

06 Planning & program

Zooming out, the collaborative program can be divided in five consecutive phases.

INSIGHT & SCOPING	VISION & BREAK-THROUGHS	PROJECT-PLANNING	PROJECT-READINESS	COMMITMENT & CONTINUATION
<ul style="list-style-type: none">• Collaboration trajectory• Product Journey Mapping• Scoping	<ul style="list-style-type: none">• Sustainability strategies• Collaborative Business Modelling• Clear overview of challenges	<ul style="list-style-type: none">• Overview of workstreams, milestones & key deliverables• Management commitment	<ul style="list-style-type: none">• Projectplan ellaboration• Letter of intent• Internal involvement	<ul style="list-style-type: none">• Captains-meeting• Securing project progress• (Community) Activation

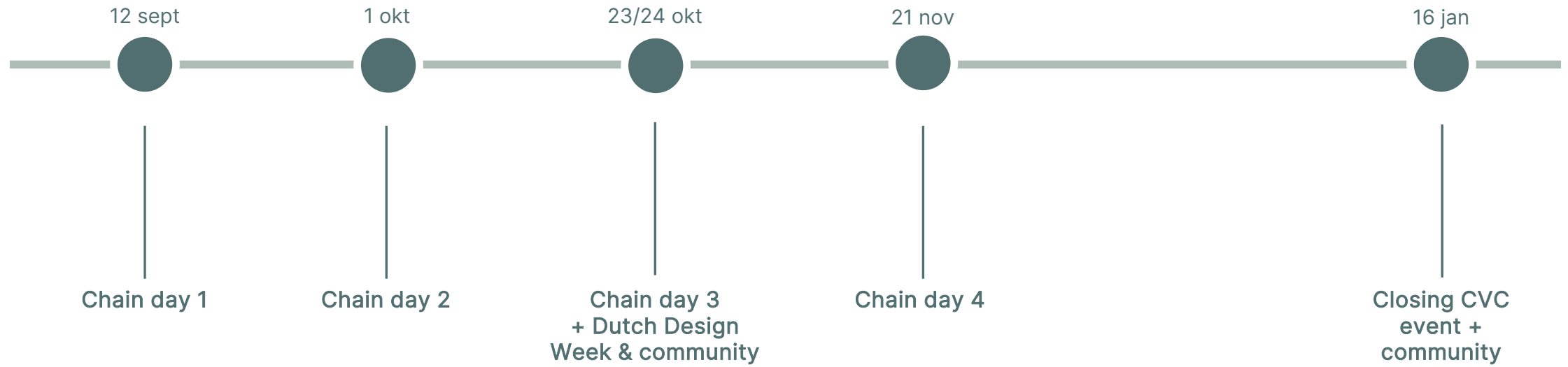
Each phase is built around a co-creation session in which we align the visions of all participating organizations. In this way we work from initial insights to management commitment and the collaboration can be continued after the CVC Fast Forward program.

Per chain, we will organize several workstreams around varying expertise's and desired breakthroughs. In between the chain days, the people allocated to workstreams will collaborate on specific challenges and solutions. As well as during the sessions, participants will be supported in their work by the facilitators of the chain projects.

In case necessary, external expertise will be included in the program. For instance, when there are questions about subsidy opportunities.



06 Planning & program



07 Info or enrollment?

Are you interested in the program, or do you have further questions? The regional development agencies and the BOM know of the program and are the first contact point for questions during the 'scouting' process. In addition, it is free of obligations to take part in the **online Q&A sessions during the first two weeks of April**. It would be great if you could already bring another interested company from your chain however, this is not mandatory. You can register by sending an e-mail to Lodewijk@impactX.nl

The **final deadline to enroll for CVC Fast Forward is April 22nd before 12:00**. This happens when a minimum of two organizations from one chain are interested in the program. After enrolment, the two partaking chain projects will be selected in the week of May 13th. Enrolment for a chain project can be done by sending an e-mail including a concrete idea and possible circular solution to Lodewijk@impactX.nl. We will get back to you soon after. A kick-off event will be organized for the partaking organizations on the 6th of June. We look forward to meeting you there.



Toward a circular manufacturing industry through chain collaboration



koninklijke
metaalunie

MIDPOINT
BRABANT



Brainport
Industries



BRAINPORT
EINDHOVEN

mikrocentrum
High Tech Platform



TU/e
EINDHOVEN
UNIVERSITY OF
TECHNOLOGY



FME



POWERED
BY DUTCH
TECHNOLOGY

Brabantse Ontwikkelings Maatschappij
BOM

Provincie Noord-Brabant

IMPACT 

yellow
chess

