

INFO DAY #3

Upper Austria

Version 1
10 2020

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WE ARE SO ADDITIVE

Date: October 8th 2020

Location: online event: <https://creativeregion.org/events/we-are-so-additive/>

Project relevance:

The info day (D.T3.1.4) is part of the awareness raising tools for the COCO4CCI project. The aim is to raise awareness to the project and the potential of a cooperation between AVMs and CCIs. Another goal was to learn more about the trend „additive manufacturing” and to exchange/network with experts in that field.

Participants:

// Number of participants: 30

// Participant structure:

11 AVM

19 CCI

Target groups: CCI in general, but especially architects, product designers, industrial designers, innovation agents, furniture designers, urban planners as well as innovative companies and AVMs in the field of architecture and construction.

The event was also streamed live on Facebook and the video was opened/watched 460 times.

Event

DESCRIPTION

3D printing has already made a name for itself internationally in the field of architecture and construction, particularly in urban planning. During the third info day in Upper Austria, we introduced the topic and explained the future importance of collaboration between designers and AVM. Three experts from Austria were discussing and answering the following questions:

- What changes will 3D printing bring to the construction industry and architecture?
- What is possible with 3D printing in architecture so far?
- What challenges is the industry facing?

Also the three dimensions (future trends, technology and mindset) were teased, upcoming events and workshops ((IPR workshop in February) were announced and the participants were invited to get in touch and participate in the upcoming process. Conversations with interested parties emerged after the event and will be followed up on.

LESSONS LEARNT

The big challenge to be overcome is the question of business models for projects in 3D printing of furniture, in architecture and urban planning and in the construction industry. However, the continuing development of suitable materials and composites are also an essential factor. In addition, permits



must be obtained for the process as well as for the materials. Moreover, the demand for more sustainable and resource-saving construction in the future is an essential aspect in the further development of 3D printing in the construction and architecture industry.

FEEDBACK

The feedback was really good and the overall satisfaction on both sides (speakers and audience) was very high. Some participants approached us afterwards and congratulated us to the successful event.

FOLLOW-UP

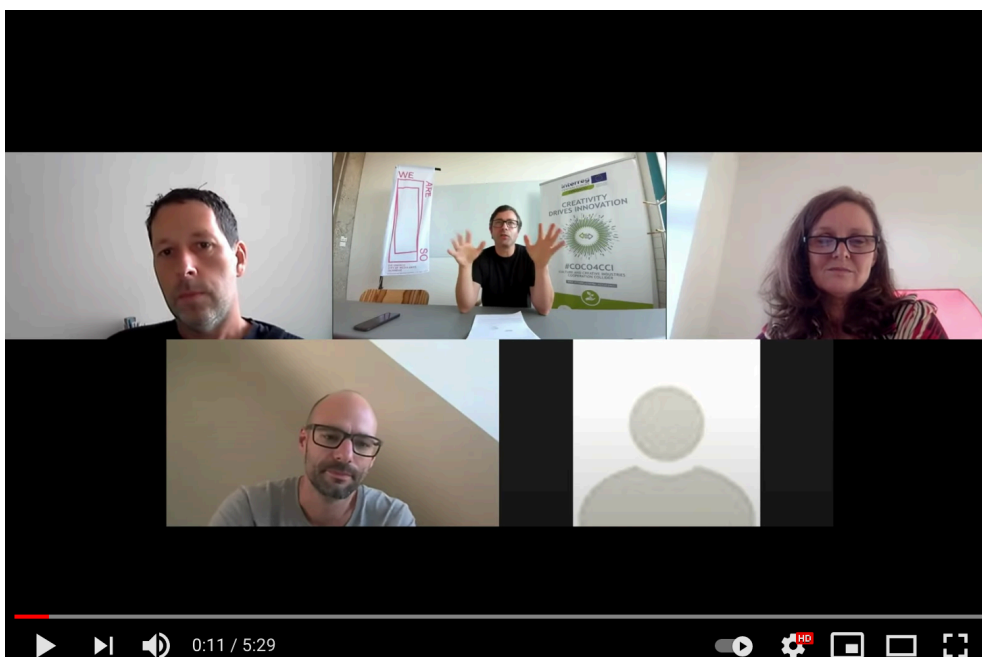
On the one hand, we were discussing further steps with the speakers and held regular contact with them, on the other hand, some of the CCIs approached us to learn more about future activities and for networking purposes (connecting CCI with speakers and AVM).

Also a short video summary and an article with the mentioned best practices was produced and published after the event. It was also sent via newsletter to our community and participants were being informed and updated via eMail about this additional content.

OUTPUT

- Online material: BAUEN MIT DEM 3D-DRUCKER: <https://creativeregion.org/2021/02/bauen-mit-dem-3d-drucker>
- Video Recap: Rückblick: WE ARE SO additive am 8.10.2020: <https://www.youtube.com/watch?v=pa5d84Q6Kb4>

PHOTOS



INNOVATION DURCH KOOPERATION MIT DER KREATIVWIRTSCHAFT

Interreg CENTRAL EUROPE COCO4CCI

Begleiteter Prozess um langfristige **Kooperationen zwischen Industrie und Kreativwirtschaft** zu unterstützen.

Fokus: Nachhaltige und zukunftsorientierte Architektur

Prozess: Workshops und Seminare, gekoppelt mit Prozessbegleitung um Herausforderungen der Industrie mithilfe der Kreativwirtschaft zu lösen.

Laufzeit: 04.2019 - 03.2022

TAKING COOPERATION FORWARD

0:58 / 5:29

of room

Christine Bärnthaler

@Andre Gründerin und Innovationsagentin bei ofroom

1:20 / 5:29



Georg Grasser
Gründer von Incremental 3D & Senior
Scientist an der Universität Innsbruck

2:10 / 5:29

Anwendungen in den Materialien Kunststoff und Metall

CREATIVE REGION
LINZ & UPPER AUSTRIA

Doka Xact
Stahl

Gebäudemodell
PA12

Thomas Gruber
umdaschgroup

R&D Additive Manufacturing bei doka

3:15 / 5:29

WE ARE

DIE UNESCO
CITY OF MEDIA ARTS
TALKREIHE

→ additive

SO



ANNEX 1: Agenda

To be found online: <https://creativeregion.org/events/we-are-so-additive/>

// WE ARE SO additive

Beim fünfzehnten Talk unserer Reihe WE ARE SO dreht sich alles ums Thema 3D-Druck und „additive manufacturing“ in der Architektur- und Baubranche.

- Was versteht man unter additive manufacturing und 3D-Druck generell?
- Wie können neue Technologien – im Speziellen 3D-Druck und Robotik – in der Architektur- bzw. Baubranche eingesetzt?
- Welche Materialien (Beton, Metall, Kunststoff, Sand, Holz etc.) spielen hier eine maßgeblich Rolle? Welche werden künftig von Interesse sein?
- Welche Trends, Chance und Herausforderungen beschäftigt die Branchen aktuell?
- Welche Beispiele gibt es dazu im regionalen, nationalen und internationalen Kontext?
- Welche Unternehmen aus Österreich gelten hier als Pioniere?
- Wie können Kreativschaffende (DesignerInnen, ArchitektInnen, Agenturen etc.) hier mit produzierenden Unternehmen zusammenarbeiten, um Innovationen voranzutreiben?

Diese und ähnliche Fragen sollen anhand von Praxisbeispielen und Einblicken von ExpertInnen in lockerer Runde beantwortet werden.

// WE ARE SO Programm

- **Intro Session:** Christine Bärnthaler (Gründerin und Innovationsagentin bei [ofroom](#)) wird in ihrer Einführung unter anderem auf den Einsatz von 3D-Druck in der Architektur eingehen. Sie zeigt konkrete Einsatzbeispiele, wird business cases in der Architektur präsentieren und über unterschiedliche Materialien sprechen.
- **Creative View:** Georg Grasser (Gründer von [Incremental 3D](#) & Senior Scientist an der Universität Innsbruck) wird über seine 3D gedruckten Betonmöbel und den Einsatz unterschiedlicher Materialien im Bereich 3D-Druck in der Architektur sprechen.
- **Company View:** Thomas Gruber (R&D Additive Manufacturing bei [doko](#)) wird in seinem Beitrag u.a. auf die Erstellung von Prototypen aus Kunststoff in der Produktentwicklung und Gebäudemodelle aus Kunststoff am Anwendungsbeispiel Asfinag eingehen. Außerdem gibt er Einblicke in 3D-Fertigung von Serienteilen aus Metall und wird über den Gebäude 3D-Druck bei Umdasch Ventures sprechen.
- **Moderation:** Wolfgang Gumpelmaier-Mach ([Creative Region Linz & Upper Austria](#))
- **Co-Organisation:** Gisa Schosswohl ([Creative Region Linz & Upper Austria](#)), Gabriel Gruber & Laura Smith ([Möbel- und Holzbaucoluster](#) der Business Upper Austria)

// WE ARE SO Facts

Datum: 8. Oktober 2020

Location: [Online via Zoom](#)

Get together: 17:00 Uhr

Vorträge: ca. 17:10 Uhr

Dauer: bis ca. 18:30 Uhr

Anmeldung: [via Zoom](#)