SOFIA HAGEN

Sofia Hagen leads an award-winning creative practice working at the intersection of art, design and tech to create 3D-printed sculptural products and installations. The practice has built a reputation for blending high-end design with cutting-edge technology and advanced biomaterial research.

Merging recycled materials with traditional craftsmanship and innovative technology, Sofia Hagen produces elements, feature installations, and placemaking schemes that push the boundaries of engineering whilst bearing the incentive of a continuous, sustainable afterlife.

Sofia Hagen’s practice remains committed to designing for a circular economy to reshape debates on product, consumption and the place of creativity within.



SOFIA HAGEN BIO

Prior to launching her own studio, Sofia Hagen was co-founder of HagenHinderdael, a practice that received critical attention for its use of cutting-edge technology and advanced material research to create high-end design products. As creative director at HH, she led the creative conception and design development of the practice's 3D-printed products and installations, working closely with digital fabrication specialists and material scientists globally.

An avid public speaker with an engaging personality, Sofia was responsible for the company's business development and marketing strategy, and frequently spoke as keynote at conferences, design shows and academic panels.

A highly versatile practitioner with keen business acumen, she worked from product design to interior and large-scale architectural developments at some of the leading names in the industry, including Zaha Hadid Architects, Heatherwick Studios, Design Haus Liberty, Acme Space, David Collins Studio, Bompas and Parr, and Make.

Polish-Austrian, Sofia trained in architectural design under the aegis of Zaha Hadid at the University of Applied Arts in Vienna, where she graduated with a Masters in Architecture in 2008, followed by a traineeship as interior designer at Odile Decq Architects, Paris.



SHOWS 2023-24

2024 Beyond Perception: HEMPLA, New York

HEMPLA VIP SANCTUARY, Fairmont Century Plaza, Los Angeles

HEMPLA SANCTUARY, The Kinn, Los Angeles

CRYSTALLINE, Spotlight Feldkirch

HEMPLA x Material Matters, London Design Festival

HEMPLA x Moving from I to We, Los Angeles

HEMPLA, The Kinn, Los Angeles

Bio Spaces, Roca Gallery, London

HHxOcchio, Occhio Lighting, London

Graphic Nature, Chelsea Design Centre, London

2023 Digitising Design, Austrian Cultural Forum, London

KOFIKA x Chickroom, Dornbirn

NODE, Landscape Design, London

KOFIKA, Rossana Orlandi, Milan Design Week

Conscious Craft, Gaggenau, London

Future Build, London

METAMOrPHOSIS, Moroso, London



SHOWS 2020-22

2022 EDGE biophilic design showroom, London
1212, Piccadilly Arcade, London
UNFURLED, Gaggenau, London
PIPELINE, Contour Public Realm, Bregenz, Austria
Material Matters, London Design Festival
CONTOUR X Hoettges, Dornbirn, Austria
CONTOUR Rossana Orlandi, Milan Design Week
Design in der Lesezone, VAI, Austria

2021 NESTWELL, HIX London
HHxMinotti, London
Planted Cities, London Design Festival
TWINE, Rossana Orlandi, Milan Design Week
Radical Ideas, London Design Biennale London
PACA Fountain of Hygiene, BODW Hong Kong

2020 EDEN, Placemaking, London
Nacre, Dubai Design Week
PACA Fountains of Hygiene, Design Museum London























































AWARDS

2023 Rossana Orlandi Guiltless Plastic Prize, Finalist : Kofika

2021 Dezeen Awards, Longlist Sustainable Design : Cocoon

2021 Rossana Orlandi Guiltless Plastic Prize, Finalist : Twine

2021 DARC Awards, Shortlist : Bolla

2020 LAMP Lighting Design Awards : Bolla

CLIENTS

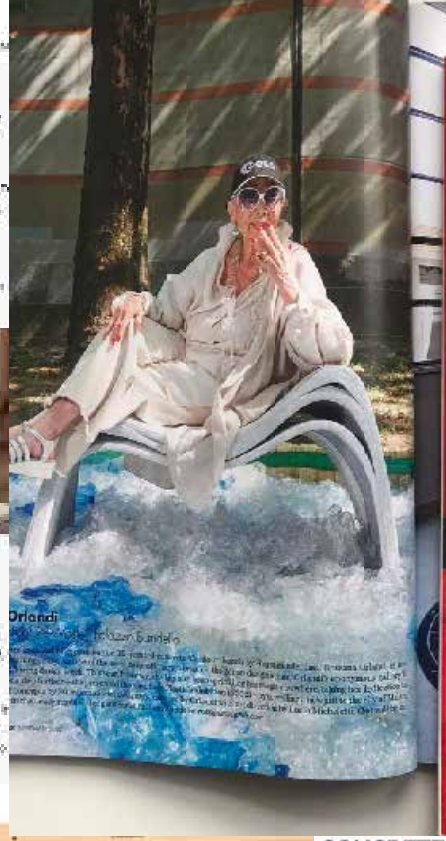
We target audiences across a varying range of sectors seeking out installations for the public and private realm, alongside collectible design collections in hospitality and high-end residences.

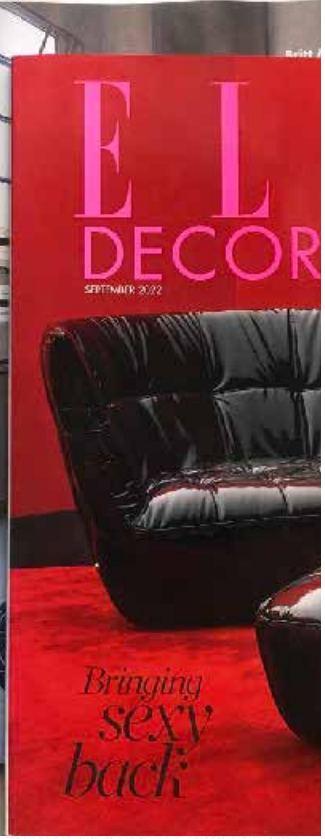
“Sofia Hagen’s vision managed to achieve the brief and more than any of us had envisaged. It’s beautiful, it’s immersive, it’s educational. What more can an architectural designer do than to positively change the world around us? To actively effect our mood, our physiology....”

- Zoe Allen, Artistic Statements UK















PRESS 2023/22

2023 Ayoama Design Forum 'The importance of Materials'

Houzz 'Trends to take from LDF'

VN 'Sustainable Design in Style'

The Gadgeteer 'Cocoon: An Innovative 3D Printed Sawdust Light'

3D-Druck aus Holz: Interview mit HagenHinderdael

BTR News, 'Node Brixton BTR development to open in London'

Engineering, 'Converting Waste into Luxury Goods'

3D Natives, 'Wood 3D Printing'

ZDNet, '3D Printing Converts Waste into Stunning Wooden Lamps'

2022 FT Weekend, 'A golden age of creativity'

Elle Decoration, 'Bringing Sexy Back...'

PARQ Magazine, 'London Design Festival'

Elle Decor Germany, '18 Highlights and Trends'

MIX Magazine, 'Submerge: The Voice of the Sea Speaks to the Soul'

Houzz, '8 Inspiring Ideas from 2022's London Design Festival'

Vorarlbergerin Magazine, 'VISIONAER'

ACF London, 'HagenHinderdael Collection at EDGE'

Art of London, 'The West End Edit : HagenHinderdael'

London TV, 'HagenHinderdael enters 12 Piccadilly Arcade'

Abode2, 'Gaggenau London Presents Unfurled'

Ambista Magazine, 'Sustainable Furniture from the 3d Printer'

Salzburger Nachrichten, '3D Druck Macht Moglich : Mobel aus Beton'

ArchiExpo Magazine, 'Furniture by HagenHinderdael'

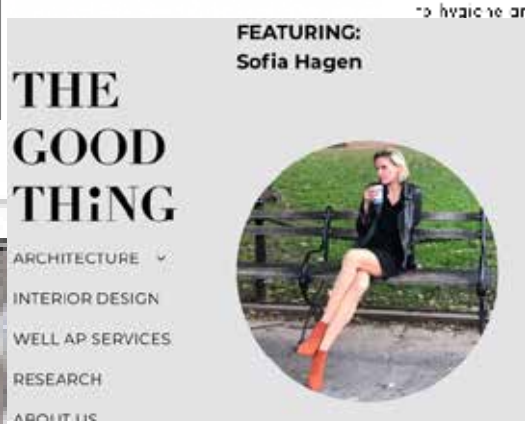
KUKA, 'A Unique Way to sit thanks to KUKA Robots and 3d Printing'

The Design Release New York, 'HagenHinderdael at VAI'

Stampare in 3D, 'Concrete 3D e HagenHinderdael Stampano in 3D'











PRESS 2021/20

2021 Kontur Magazine, ‘Thinking Outside the Box’

Wallpaper, ‘Rossana Orlandi at Milan Design Week’

Apollo Magazine, ‘Meadows of Change’

darc Magazine, ‘Designer Focus : Cocoon’

OLEDWorks ‘HagenHinderdael Launches New Fixture’

TimeOut London, ‘Meadows of Change’

Wembley Park Art Trail, ‘Meadows of Change’

Culture Magazine, ‘Wembley Park Art Trail’

London Post, ‘Wembley Park Destination’

AlphaKilo, ‘Muses HagenHinderdael’

Landscape First, ‘Eden’

VN, ‘Weltweit fuer gutes Design taetig’

darc Magazine, ‘Designer Focus : Bolla’

Luxus, ‘Solving Problems with Creativity’

2020 Commercial Interior Design Magazine, ‘Nacre as Outdoor Furniture’

Identity Magazine, ‘Bubble Wrap Obsession’

Gulf News, ‘Dubai Design Week is Back with Stunning Art Installations’

Commercial Interior Design Magazine, ‘In Pictures : Downtown Design’

Scale Qatar, ‘Waste Not, Want Not’

Dezeen, ‘HagenHinderdael’s Bolla Light, Imprinted with Bubble Wrap’

darc Magazine, ‘Women in Lighting’

Belgravia Magazine, ‘Outdoor Artistry’

LECTURES

2024 ‘The Carbonauts’ Sustainability Event, Los Angeles

2024 ‘Design for Mindfulness,’ The Kinn, Los Angeles

2024 ‘Technology x Material Use’, Camira & Morgan, London

2024 ‘Sustainability & Design’, Chelsea Design Centre, London

2023 ‘The Realities of a Creative Career,’ The Creative Inside Podcast

2023 ‘Digital Fabrication’ Pecha Kucha, Archi-Tech, London

2023 ‘Digitising Design,’ ACF, London

2023 ‘Material Matters,’ Material Matters London Design Festival

2023 ‘XiPats,’ Prisma, Austria

2023 ‘Digitising Design,’ BGD, Austria

2023 ‘Technology & Sustainability,’ Nobody Conference, Spain

2023 ‘Conversations in Craft,’ Artefact, London Craft Week

2023 ‘Female Entrepreneurs,’ CampusV, Austria

2023 ‘Light Creators,’ The Light Review Podcast

2023 ‘Conversations in Craft,’ Artefact, London Craft Week

2023 ‘Digitising Design,’ Accenture Studio, London

2023 ‘Robotic Reincarnation,’ Central Saint Martins, London

2023 ‘Digitising Design,’ BIG Architects, London

2023 ‘Art meets Ai,’ Acrylicize, London

2023 ‘Future Fabrication,’ Future Build, London

2023 ‘Metamorphosis,’ Moroso, London

2023 ‘Robotic Reincarnation,’ UCLA Research Lab, Los Angeles

2022 ‘Material Futures,’ Material Matters London Design Festival

2022 ‘Conscious Craft’, Heatherwick Studio, London

2022 ‘Future of Design,’ Long Night of Science, Designforum Austria

2022 ‘Design & Maker Culture’, Creative Lunch, CampusV, Austria

2022 ‘Digitising Design,’ Edge London, London Festival of Architecture

2022 ‘Beyond the Physical,’ MAA Guest Live Talk Series

2021 ‘Encounter : An Evening with HagenHinderdael’ at Minotti London

2021 ‘Sustainability & Circular Economy’, [darc] thoughts at Design London

2021 ‘Functionality in Contemporary Art’, with AORA Gallery

2021 ‘Change your Mindset - Placemaking of the Future’, Crestbridge Podcast

2020 ‘In Conversation with HH’, Planted Unearthed at LondonDesignFestival

2019 ‘Placemaking - Deliver Community Value’, Future PropTech London

2019 ‘Haptic Pleasures’ - panel talk by Bompas and Parr, London

2019 Decorative Lighting Design, London Design Festival

2019 Creative Industries Hong Kong, London

2019 Defining Light of Hospitality, Clerkenwell Design Week, London

2019 Financial Times Women’s Day, London

2018 AIA Viral Voices, New York

THE COLLECTION








SOFIA HAGEN







SOFIA HAGEN





CRYSTALLINE

From 9th to 12th October 2024, the SPOTLIGHT event in Feldkirch Austria organized by the Lichtstadt association, showcased Sofia Hagen's cutting edge light art installation titled "Crystalline".

Inspired by the historic urban context of Feldkirch, which was the main trade route for salt in medieval central Europe, a towering salt crystal rises into the sky, surrounded by a constellation of smaller crystals.

The composition of 3D printed elements made from recycled plastic come together to form a striking, ephemeral light art installation. At its centre, a large scale 2.7 metres tall crystal rises gracefully into the sky, surrounded by smaller crystals playfully dispersed around it. The installation is enhanced by a soundscape created by Loulou Raven, adding depth and atmosphere to the sculptural light display. The sculptures are not only visually striking but also incorporate specifically designed light elements that interact with the surrounding architecture, creating an immersive experience.

The installation offers a unique blend of sustainable materials, innovative technology, and artistic expression that harmonizes with the historic context. The installation is set to be a captivating experience, showcasing Sofia Hagen's talent in combining various artistic disciplines with a focus on environmental sustainability.





H E M P L A

SofiaHagen x Studio Marmi bring together the latest in innovative 3D printing technologies and traditional craftsmanship to create a timeless design dedicated to mindfulness. HEMPLA is a meditation furniture set that creates a sanctuary to relax and meditate in a variety of configurations. HEMPLA launched at The Kinn in Venice Beach, Los Angeles, 6th June 2024.

HEMPLA consists of a handmade hemp and wool rug, and a selection of seats: HEMPLA I in 3D printed hemp and sugar – and HEMPLA II in 3D printed sugar and integrated lighting by Studio Waldemeyer, programmed in line with the user's circadian rhythm. HEMPLA seamlessly blends digital and traditional artistry while symbolizing interconnectedness with nature and is structured around the Zen garden principles: simplicity, harmony, tranquility.

Following a 2year R&D process, each material has been carefully selected for its durability and minimal environmental footprint, reflecting our dedication to mindful design. Hemp fibre was chosen because of its low impact on the environment. Hemp, a rapidly renewable resource, serves as the foundation for HEMPLA, boasting exceptional CO2-to-biomass conversion rates. Its resilience against ultraviolet light and mold ensures longevity, aligning with the ethos of durability.
Incorporating sugarcane fiber into furniture design helps minimize waste by repurposing agricultural by-products. This aligns with circular economy principles, where resources are kept in use for as long as possible, maximizing their value and minimizing waste generation. sugar cane.



SOFIA HAGEN

C O N T O U R

Contour was exhibited at the Vorarlberger Architektur Institut and at Rossana Orlandi Gallery during Milan Design Week 2022

A collaboration between London-based designers HH and Austrian 3D printed concrete specialists Concrete3D, CONTOUR is a new bench combining environmentally friendly printing technology with bespoke design. Launching in March 2022 at the Vorarlberger Architektur Institut, the feature bench has been developed with sustainability and its local context in mind.

In its form, CONTOUR takes inspiration from the surrounding landscape of Voralberg. Organic curvatures are printed layer by layer to reveal the topographical layers of the mountainscapes coupled together to form the seat. This design language continues into the elevation of the bench itself, as it mimics the peaks and troughs of the skyline of Voralberg.

Available in two sizes, CONTOUR S and CONTOUR L can nestle into one another – with the negative space between them creating further dynamic dialogues amongst the furniture set. This playful character of the benches is further elevated in the graphic colouring used in the print itself which uses a unique algorithm to print varying gradients of grey resulting in a bespoke finish every time.



K O F I K A

Kofika is Finalist in Rossana Orlandi Gallery‘s Guiltless Plastic Prize, Milan Design Week 2023

A collaboration between London-based designers HagenHinderdael and material laboratory Novavita Design, KOFIKA is a collection of two coffee tables that celebrate duality and invite its users to enjoy all things COFFEE. Pairing product design with art, HagenHinderdael x Novavita Design bring together the latest in innovative 3d printing technologies and a material research laboratory to create a timeless design embedded in the Italian everyday coffee drinking culture.
Each table is a sculptural yet playful dialogue that reincarnates coffee, milk, sugar, and plastic whilst cleaning up the planet.

Drawing inspiration from the Italian architectural colonnades and marble of the past, the materiality and form of KOFIKA brings together traditional, iconic Italian design language into 21 st century design. Our tabletops are made of plastic sheets constructed from recycled coffee and milk packaging waste. These are then rested on 3D printed legs that are made from a unique fermented sugar cane bio-PLA mixture.

As an object, KOFIKA is inspired by the Italian allure of past and present – from the coffee drinking culture where people sprawl into espresso bars through to the classic Italian architectural forms seen in romantic colonnades and ancient ruins.



S W I V E L

Launched at the Material Matters Show during London Design Festival 2022

A collaboration between London-based designers HagenHinderdael and digital fabrication specialists Fab.Pub, SWIVEL is a dual purpose stool and planter combining environmentally friendly printing technology with bespoke design.

Made of 3D printed fermented sugar and wood fibre, SWIVEL can be flipped upside down depending on its function. Its natural, organic curves invite the user to rotate and engage with it in a playful manner.

Swivel is 3D printed with PLA bioplastic, which is 80% more carbon efficient than conventional plastic. A cradle to cradle material, the source waste used in the production is in line with the principles of the circular economy.



SOFIA HAGEN

T W I N E

Finalist at Rossana Orlandi Guiltless Plastic Prize, Milan Design Week 2021

Twine is a modular outdoor furniture series encouraging dynamic interaction through combining individual segments into a streamlined flow.

Developed in collaboration with Amsterdam-based material scientists Reflow, and London based robotic fabrication specialists, AI Build, Twine takes medicinal tray waste turned into r-PETG filament and transforms it through robotic manufacturing. Built atop a unique mould, the robots can carry up to two varying filaments creating a gradient of transparencies within the elements.

Available as a seat or an elongated bench, the sculptural form of Twine has been driven by the concept of merging sustainable technologies with play and interaction. We invite users to assemble the elements as individual components or flip and combine them into longer configurations providing new discoveries at every turn.



N A C R E

Showcased at Dubai Design Week 2020

Nacre is a modular series of outdoor furniture and planters. A collaboration between London-based designers HagenHinderdael and Dubai-based 3D-printed concrete specialists Concreative, the seats were launched at Dubai Design Week 2020 and have been followed by a new series of planters launched in 2021 to complement public realm and outdoor environments.

Both the planter and the seats are available as a mix-and-match series of three heights. As seats, you can have a step, a stool, or a bar – each able to be complemented by a corresponding small, medium, or large planter.

The form of Nacre is constructed from hexagonal platelets that interlock, rotate, and penetrate. Together creating a structure of extraordinary strength and flexibility, that resembles the structure of the mother of pearl and speaks to the heart of Dubai's pearl trade. Each platelet is made of 3D printed concrete with intricate textures and optional integrated LED lighting. The result is a constellation of sculptural outdoor furniture & planting objects that allow for a variety of configurations.



N A C R E . P

Inspired by the NACRE installation featured at Dubai Design Week in 2021, NACRE.P celebrates the latest in sustainable 3D printing using bio PLA from fermented sugar cane to create flexible and modular seating elements.

Made to order, the NACRE.P are able to be finished to match bespoke colours and durable for outdoor use due to their inherent UV and water-resistant qualities.

Developed in a series of striped and solid green finish, they will be featured at the NODE BRIXTON development launching in January 2023.



C O C O O N

Dezeen Longlist, Sustainable Design, 2021

Cocoon is a 3D printed decorative lamp celebrating craft and pushing the boundaries of new and sustainable technologies by transforming wood waste into an organic, technologically advanced light.

The sculptural form of Cocoon has been developed to resemble an organic structure that speaks to the natural materials being used and creates an opportunity for beautiful protrusions to throw shadows from the integrated OLED light on to the surrounding surfaces. The shell itself is made of 3d printed sawdust and has been developed in collaboration with Forust, a US based company who manufacture with wood by using methods that are non-destructive to our planet's ecology.

Cocoon comes in two typologies each with their own unique shape. Using ground-breaking 3D printing technology, layers of powdered wood are bound together with lignin into a 250mm (w) x 460mm (h) Cocoon. Once out of the printer, each piece is carefully hand-stained and finished. In this process, there is also the opportunity to finish Cocoon in a wide variety of wood species including natural, oak, teak, and walnut.

Cocoon is not only beautiful in its aesthetic but forward-thinking in its lifecycle - able to avoid its materials ending up back in landfill and instead used in future light productions.



B O L L A

Bolla is winner of the LAMP Awards 2020 and Shortlisted for the DARC Awards 2020

Bolla brings awareness to how the escalated use of packaging materials is affecting our environment. Pointing the way to a circular economy instead of designing things to fail, bubble wrap sourced from packaging waste is used as form-work and transformed through parametric modelling and innovative research into the light product Bolla.

Made of an eco-friendly concrete mixture that has been custom developed with material scientists, recycled plastic particles are combined into a concrete aggregate and poured into an organic-shaped mould. The light source itself fulfils the sustainable narrative, using wafer-thin OLED panels made from recycled materials – and providing a soft, and warm natural light that is fully integrated.

Together, the integrated OLED and textured concrete with perforations disperses light uniformly across Bolla for a striking, effervescent glow.



SOFIA HAGEN

S W I V E L . B

Swivel.B is a set of decorative bowls made of 3D printed sawdust in collaboration with Forust.

The sculptural form of the bowls has natural, organic curves inviting the user to engage with it in a playful manner.

Once out of the printer, each piece is carefully hand-stained and finished. In this process, there is also the opportunity to finish Swivel in a wide variety of wood species including natural, oak, teak, and walnut or in natural coloured dyes.

The full set of bowls comes in three varying sizes which can be purchased individually or as a trio.



S W I V E L . B

Swivel.B, the set of decorative bowls, is also available in 3D printed BIO-PLA from fermented sugar cane.

Made to order, the Swivel.B are able to be finished to match bespoke colours and durable for indoor or outdoor use due to their inherent UV resistant qualities.

THANK YOU

DISCLAIMER

This document and the ideas incorporated herein, as an instrument of professional service, is the property of Sofia Hagen and is not to be used or reproduced in any manner whatsoever, in whole or in part for any other project without prior written permission from Sofia Hagen.

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