

# The winning design and research projects of the New Material Award 2018 are uncomfortable, confrontational, optimistic and visionary

*Amsterdam, 20 October 2018. Bioplastics made from algae instead of oil: 'Algae Lab Luma' by Studio Klarenbeek & Dros and Atelier LUMA is the winner of the New Material Award 2018, the seventh edition so far. The uncomfortably confrontational 'Blood Related' by Basse Stittgen meanwhile wins this year's New Material Fellowship.*

*The New Material Award stimulates the development of sustainable materials through projects that provide smart solutions to the issues surrounding raw materials, energy and reuse – both in design and production. The objects and research projects of the winners and other finalists can be seen until October 28th during Dutch Design Week 2018. Afterwards, the work can be seen at Hôtel Droog, Amsterdam. The biennial New Material Award is organized by the [DOEN Foundation](#), the [Kwadraat Fund](#) and [Het Nieuwe Instituut](#). The next edition will take place in 2020.*

## **New Material Award 2018 and New Material Fellow 2018: the winners**

More and more designers are thinking about the effect of their designs in the circular chain from raw material to raw material. The aim of the award is to encourage artists, designers and architects to contribute to the urgent global issues surrounding raw materials, production and waste. The role of the designer and design research are crucial in this.

This year, two jury rounds were needed to choose the eventual winners. In the words of Lex ter Braak, who chaired the jury: "All the nominations address, in their individual ways, the impact of how we design, produce and consume. The jury selected the two winning projects because of their goals, as well as their clear conceptual elaboration. The enthusiasm with which the winners dare to tackle such huge issues, with no certain outcome, is inspiring and takes courage."

**New Material Award 2018** Studio Klarenbeek & Dros and Atelier LUMA, 'Algae Lab LUMA', receive a cash prize of €15,000. The jury praised their visionary research into the potential applications of algae as a substitute for oil-based plastics, as well as their efforts to involve universities and industry.

**New Material Fellow 2018** Basse Stittgen, 'Blood Related', receives €5,000 and half a year of assistance from Het Nieuwe Instituut in the further development of his research into the applications of cow's blood.

## **The jury on the winning projects**

### Winner New Material Award 2018 – Algae Lab Luma - Studio Klarenbeek & Dros and Atelier LUMA

The jury admires the winners' unconditional commitment to developing sustainable new materials with algae, for example as a replacement for oil. The dimensions and applicability of the possible results of their research are immense, and are further expanded by the international network in which they conduct their research. Given its production in the sea, algae does not rely on the use of agricultural land, which makes a large-scale approach feasible. In addition to developing the bioplastic, [Studio Klarenbeek & Dros en Atelier LUMA](#) envisage a decentralized production model where every household or neighbourhood has a number of 3D printers that can print products with the new material, reducing emissions through transport, making storage unnecessary, and relieving pressure on international road links. The jury advises intensifying their connections with industrial partners, so that their adventurous dream can become reality.

### Winner New Material Fellowship 2018 - Blood Related - Basse Stittgen

Every year, it appears, millions of litres of blood from slaughtered animals flow senselessly away. But whereas pig's blood has all kinds of applications, cow's blood is seen as a worthless by-product. Basse Stittgen came across an old method in which cow's blood is pressed into hot moulds to form a hard but brittle material resembling bakelite. Stittgen designed [Blood Related](#), a collection of cow's blood products, in the hope that this waste will one day become a thing of the past. At the same time, the utilitarianism of his project gives rise to an uncomfortably poignant feeling. It encourages critical thinking about our consumption patterns and their scale. The jury hopes that, with the Fellowship, Stittgen will be able to further develop these critical dimensions so that one day – to paraphrase the poet Menno Wigman – we will hear: *Enough. enough. Now no more slaughter.*

### **Nominees New Material Award 2018**

Agne Kucerenskaite, [Ignorance is Bliss](#)

Alexander Marinus, [Hey Jute](#)

Daria Biryukova, [FORZ@Glaze](#)

Envisions, [Wood in Progress](#)

Inge Sluijs, [Plasma Rock](#)

Iris de Kievith & Annemarie Piscaer, [SerVies](#)

Ekaterina Semenova, [Care for Milk](#)

Overtreders W & bureau SLA, [People's Pavilion](#)

Sanne Visser, [The New Age of Trichology](#)

Shahar Livne, [Lithoplast](#)

Studio Chris Kabel, [Recomposed Bamboo](#)

Telesilla Bristogianni & Faidra Oikonomopoulou, [Re3-Glass](#)

Xandra van der Eijk, [Future Remnants](#)

### **Nomination committee and jury 2018**

#### Nomination committee

- Lex ter Braak, chair, also chair of the jury
- Elvin Karana, associate professor of design engineering, TUDelft, author of 'Materials Experience'
- Conny Groenewegen, fashion director at Conny Groenewegen
- Emma van der Leest, artistic director and founder of Blue City
- Stijn Roodnat, co-founder LABEL BREED

## Jury

- Irene Colicchio, sustainability engineer at DSM
- Rianne Makkink, founder and director Studio Makkink & Bey
- Arnold Tukker, professor of industrial ecology and director of the Centre for Environmental Sciences (CML) at Leiden University.

For more information, images or interviews with nominees and/or the organizers, please contact Layana Mokoginta, PR Mansion, [layana@prmansion.com](mailto:layana@prmansion.com), 06-20011181.

The attached image material can be used royalty-free with the following credits: New Material Award 2018, designer's name, project name and (where mentioned) name of the photographer/illustrator.

### **About the New Material Award**

The New Material Award is a collaboration between DOEN Foundation, the Kwadraat Fund and Het Nieuwe Instituut. Since 2009 – when it was called the DOEN Material prize – the New Material Award has addressed various new sustainable materials and innovative techniques.

Initiators DOEN Foundation, the Kwadraat Fund and Het Nieuwe Instituut believe that sustainable materials and innovative techniques can yet enjoy huge market success. All the targets for a circular economy and CO2 reduction have been set, but developments are proceeding too slowly. With the New Material Award and the accompanying public presentations in Eindhoven and Amsterdam, they hope to contribute to the accelerated development of sustainable materials, the circular economy and innovative technologies. In addition, the New Material Award stimulates creativity and talent.

The award consists of two separate prizes: the New Material Award of €15,000 for an end product, and the New Material Fellowship, consisting of a cash prize of €5,000 plus a six-month fellowship at Het Nieuwe Instituut.