



## **Fenty Beauty by Rihanna, the world's first plastic-free shopping aisle, and the SpaceX Falcon Heavy rocket: Design Museum announces Beazley Designs of the Year nominees**

12 September 2018 – 6 January 2019  
the Design Museum, London

**The Design Museum announces the 87 nominees for the eleventh Beazley Designs of the Year exhibition and awards – revealing the most innovative designs of the last year**

**Nominees include a water bottle by Will and Jaden Smith, Nike's crest for the Dutch women's football team by Wieden+Kennedy and the LEGO House by Bjarke Ingels Group**



**Concern over the environment is a major theme, as seen in Formafantasma's recycled furniture, LADBible's Trash Isles campaign and an animation illustrating the dangers of mounting space debris**

**Nominations also include electronic self-healing and recyclable skin, the Louvre Abu Dhabi, Burberry's rainbow check and Royal Ballet costumes designed by Erdem.**

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**The world's first plastic-free shopping aisle, Marvel's Black Panther costumes designed by Ruth E Carter and an eco-friendly water bottle made by Will and Jaden Smith; the Design Museum in London announces the most international list of contenders to date for the eleventh**

edition of Beazley Designs of the Year. The annual exhibition and awards, supported by specialist insurer Beazley, comprises of 87 nominations across six categories: **Architecture, Digital, Fashion, Graphics, Product and Transport**. Selected by a panel of distinguished international designers, curators and critics, the awards showcase the most original and impactful products, concepts and designers in the world today.

Sketches, models, prototypes, videos and photography will be on display for all the nominations and will provide a compelling snapshot of the current world of design. Combining the world's most established talent alongside graduates and rising stars, Beazley Designs of the Year provides a rare moment to experience a diverse selection of industries, objects and technologies in one exhibition.

The fashion category includes items from **Nike's Nigeria National Football Team collection, pieces from Palomo Spain's SS 2018 Menswear collection and Matty Bovan's debut collection**. The **rainbow check by Christopher Bailey for Burberry and Fenty Beauty by Rihanna** – are also nominated amongst the fashion and product categories and reflect designs that show a commitment to inclusivity.

Responding to the threat of global warming and a drive to create a sustainable future, *resources* and *biomaterials* are two prominent themes in this year's nominations, with projects including: **Trash Isles, a campaign by LADBible** in partnership with the Plastic Oceans Foundation, which gained widespread support across the globe and called for the UN to recognise a floating pile of rubbish as an island, and **the world's first plastic-free aisle in Amsterdam, designed by creative agency Made Thought for Ekoplaza** – both forming part of the graphics category.

Product nominee **Algae Lab, by Studio Klarenbeek & Dros at Atelier Luma**, explores the potential of algae as a replacement for non-biodegradable plastics, providing users with the means to create 3D printed items. Another innovative product nominee is **self-healing e-skin, a flexible membrane designed** for prosthetic and robotic limbs that can sense pressure, temperature, humidity and airflow; enabling those with prosthetic limbs to experience touch. Other entries include **Italian designers Formafantasma**, who have developed a series made from recycled electronic devices and **Totomoxtle by Fernando Laposse**, a veneering technique that is helping to maintain crop diversity and local employment in Mexico.

Product innovation continues to advance healthcare systems across the globe with nominee **PlenOptika's Quicksee**, a portable eye test that anyone can use, improving eye health in developing countries, and **SurgiBox** an inflatable tent that operates as a sterile operating theatre in remote areas. More speculative creations include designers Liz Ciokajlo and Maurizio Montalti's **Growing a MarsBoot**, transforming human sweat into a boot suitable for life on Mars.

The transport section brings to the forefront visions previously only seen in science fiction, such as travelling at high speed through a low-pressure tunnel with **Virgin Hyperloop One** and racing to and beyond Earth's orbit with **Elon Musk's most powerful rocket, SpaceX Falcon Heavy**. Also appearing in this category is **nominee City Brain**, which demonstrates how data driven governance is no longer an idea for the future – the operating computer chip is already in use throughout China as an AI system that optimises traffic in city centres.

Following **last year's winner, Sir David Adjaye OBE for the design of the National Museum of African American History and Culture in Washington D.C** the architecture category continues to feature many renowned practices including **Jean Nouvel for the Louvre Abu Dhabi, OMA for the Qatar National Library** and architect trio **Smiljan Radic, Eduardo Castillo and Gabriela Medrano for the Bío Bío Regional Theatre in Chile** – following the Chilean government's pledge to rejuvenate the city of Concepción after the earthquake of 2010.

The digital category includes **Gucci's Utopian Fantasy campaign, titled #GucciHallucination**. Blurring the lines between real and fake by taking viewers on an app-based journey to display the fashion house's SS18 collection. Also included is a **digital animation from the European Space Agency** visualising the dangers of space debris to spacecrafts, showing that disused and broken satellites will be harmful for future space travel. The futuristic theme continues with **Sony's robotic pet, named Aibo**, which features behavioural learning capabilities, facial recognition and cloud computing – created as a solution to combat fragmented societies and isolation. **Apple's traditional papercutting hording, designed by Yang Sgiyi** for its store in Taiwan is also included in the graphics category – a recreation of this artwork will be featured outside the exhibition entrance.

**A winner will be selected in each category and one overall winner will be announced on Thursday 15 November 2018.** Previous winners have included Sir David Adjaye OBE for the National Museum of African American History and Culture in Washington D.C; GOV.UK, UK Government website by GDS; and Better Shelter by Johan Karlsson, Dennis Kanter, Christian Gustafsson, John van Leer, Tim de Haas, Nicolò Barlera, the IKEA Foundation and UNHCR.

Beazley Designs of the Year will be on display from 12 September 2018 – 6 January 2019.

Ends –

**Full list of nominee description to be found below**

## NOTES TO EDITOR

The Design Museum is the world's leading museum devoted to architecture and contemporary design, its work encompasses all elements of design, including fashion, product and graphic design. Since it opened its doors in 1989 the museum has displayed everything from an AK-47 to high heels designed by Christian Louboutin. It has staged over 100 exhibitions, welcomed over five million visitors and showcased the work of some of the world's most celebrated designers and architects including Paul Smith, Zaha Hadid, Jonathan Ive, Miuccia Prada, Frank Gehry, Eileen Gray and Dieter Rams. On 24 November 2016, The Design Museum relocated to Kensington, west London. Leading architectural designer John Pawson has converted the interior of a 1960s modernist building to create a new home for the Design Museum giving it three times more space in which to show a wider range of exhibitions and significantly extend its learning programme.

[designmuseum.org](http://designmuseum.org)

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Previous Design of the Year Winners:

**2017** Sir David Adjaye OBE for the National Museum of African American History and Culture in Washington D.C

**2016** Better Shelter by Johan Karlsson, Dennis Kanter, Christian Gustafsson, John van Leer, Tim de Haas, Nicolò Barlera, the IKEA Foundation and UNHCR

**2015** Human Organs-on-Chips by Donald Ingber and Dan Dongeun Huh at Harvard University's Wyss Institute

**2014** Heydar Aliyev Center by Zaha Hadid Architects

**2013** GOV.UK – UK Government website by GDS

**2012** London 2012 Olympic Torch by Edward Barber and Jay Osgerby

**2011** Plumen 001 by Samuel Wilkinson and Hulger

**2010** Folding Plug by Min-Kyu Choi

**2009** Barack Obama Poster by Shepard Fairey

**2008** One Laptop Per Child by Yves Béhar

### **2018 Judges:**

Chair: Paul Priestman, Chairman of PriestmanGoode

Tord Boontje, Studio Tord Boontje

Ian Callum, Director of Design, Jaguar

Robert Devereux, Chairman, The Conduit

Roksanda Ilinčić, Founder and Creative Director, ROKSANDA

Melodie Leung, Senior Associate, Zaha Hadid Architects

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**OPENING TIMES AND TICKET INFORMATION:**

Open daily 10:00 – 18:00 (last admission 17:00)  
Free entry to the museum and its permanent collection

**Exhibition Prices:**

Adult £12.00  
Child (6 - 15 years) £6.50  
Student/concession\* £9.50  
Family (1 adult + 3 children) £18.50  
Family (2 adults + 3 children) £27.50  
Members go free

**Exhibition Design:****OMMX for 3D**

OMMX build, draw and write about architecture and are committed to creating spaces that help people relate to one another.

OMX serve a broad mix of private, social and public-sector institutions, working on housing, private residences, galleries, offices, public spaces, festivals, exhibitions and shops. Clients include the Royal Academy of Arts, English Heritage, the British Library, Clerkenwell Design Week, Naked House and Marian Goodman Gallery.

**Europa for 2D**

Europa is a graphic design company based in London and run by Mia Frostner and Robert Sollis, both graduates of the Royal College of Art. Gareth Lindsay joined the studio in 2013 and Lauren Budestschu in 2015. Europa create graphic identities, books and publications, exhibition design, signage, art direction, editorial design and websites.

## NOMINEES

### Fashion



**Name:** Burberry Rainbow Check

**Designers:** Burberry

**One line description:** THE BURBERRY RAINBOW CHECK INTEGRATES THE COLOURS OF THE RAINBOW FLAG, USED AS A SYMBOL OF LGBTQ+ ACTIVISM AND SOLIDARITY

**Paragraph description:** Rounding off ten years as the company's Chief Creative Officer, Christopher Bailey's final collection for Burberry was dedicated to an update of the classic Burberry check. The Burberry Rainbow check integrates the colours of the rainbow flag, used as a symbol of LGBTQ+ activism and solidarity. The release of the check coincided with Burberry making significant donations to support three LGBTQ+ youth charities.



**Name:** Nigeria National Football Team: National Team Collection

**Designers:** Nike

**One line description:** A FOOTBALL KIT FOR A 'NEW NIGERIA'

**Paragraph description:** For the 2018 World Cup, Nike set out to design a football kit that would reflect the youth and dynamism of modern Nigeria and its diasporas. Based around the concept of 'Naija', or 'new Nigeria', the collection reinterprets contemporary street style through the vibrant green and white of Nigeria's national colours, and abstracted feather patterns that pay homage to its 'Super Eagles' team kit of the 1994 World Cup.



**Name:** Black Panther costume design

**Designers:** Ruth E Carter

**One line description:** A CAST OF COSTUMES FOR AN AFRO-FUTURE

**Paragraph description:** To create the costumes for Black Panther – the Marvel Comics superhero film set in Wakanda, a fictional African nation of united tribes, untouched by colonialism – designer Ruth Carter drew inspiration from a rich array of African ceremonial dress. This included Surma and Mursi lip plates, Zulu headdresses, Maasai warrior armour and Ndebele neck rings, all reinterpreted to create a compelling Afro-futurist aesthetic.



**Name:** Royal Ballet costumes for Christopher Wheeldon's production of Corybantic Games

**Designers:** Erdem Moralioglu

**One line description:** A BALLET COSTUME REDUCED TO PURE ROMANCE

**Paragraph description:** Womenswear designer Erdem Moralioglu created 24 costumes for a new ballet set to Leonard Bernstein's Serenade, after Plato: Symposium. Inspired by the Classical Greek themes of the piece, Erdem juxtaposed armour-like ribbon detailing with ethereal sheer tutus, while the champagne-coloured satin bodices and careful pleating evoked the 1950s era of Bernstein's original score.



**Name:** Zoa™

**Designers:** Modern Meadow

**One line description:** AN ANIMAL-FREE BIOLEATHER GROWN FROM COLLAGEN

**Paragraph description:** Modern Meadow is pioneering biologically advanced, animal-free, materials by harnessing the power of design, biology, and materials science. Modern Meadow's first biofabricated materials brand, Zoa™, opens up a world of possibilities. Seen in this exhibit, Zoa™ assumes the form of liquid bioleather and constructs a t-shirt through liquid assembly instead of stitching. Zoa™ biofabricated materials are tunable structures - able to morph to any shape, hold to any mold, take on any texture, and combine with other any materials to be any size, seamlessly. Through DNA editing, Modern Meadow designs non-animal cells to produce collagen, the predominant protein found in traditional leather, which is then grown, purified, and assembled to create materials.

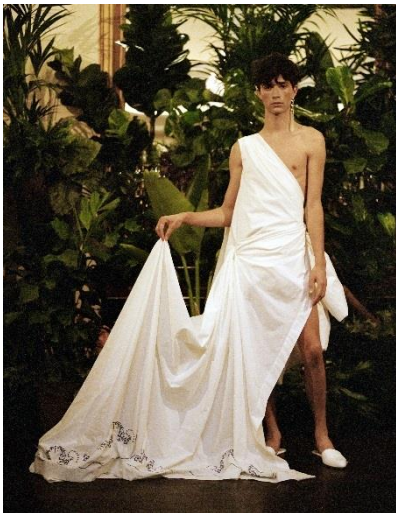


**Name:** Goldwin Ski Jacket

**Designers:** Goldwin with Spiber materials

**One line description:** A SKI JACKET MADE OF SPIDER SILK PROTEINS

**Paragraph description:** The Goldwin Ski Jacket is made with a synthetic thread that replicates the amino acid sequences found in spider silk. Spider silk is an extremely strong material, but is difficult to harvest, inspiring Spiber to create a synthetic replica. The new material is made without using petrochemicals, making it sustainable as well as an extremely durable alternative for sportswear. Spider silk is strong, supple, and shock absorbent, making it ideal for protective clothing.



**Name:** Hotel Palomo: Spring Summer 2018 Menswear

**Designers:** Palomo Spain

**One line description:** A WOMEN'S FASHION LINE FOR MEN

**Paragraph description:** Fashion house Palomo Spain creates gender-bending clothes for men. With local references to Spanish culture, the flamboyant designs – many using vintage fabrics and the expertise of seamstresses from the label's hometown of Madrid – navigate between couture and cross-dressing. Distinctions between masculinity and femininity are broken down, dismissing gender as a category. Beyoncé was pictured wearing the Palomo Spain genderless brand in the first photo after the birth of her twins.



**Name:** G-Star Elwood RFTPi jeans & D-Staq RFTPi denim jacket

**Designers:** G-Star RAW in collaboration with Artistic Milliners, DyStar and Saitex

**One line description:** ECOLOGICALLY & SOCIALLY RESPONSIBLE DENIM JEANS AND JACKET

**Paragraph description:** Denim brand G-Star RAW has developed the world's 1st Cradle to Cradle Certified™ GOLD G-Star denim fabric. This fabric is made out of 100% organic cotton and introduces the cleanest indigo dyeing technology which uses 70% less chemicals, no salts and produces no salt by-product during the reduction and dyeing process, consequently saving water and leaving clean and recyclable water effluent. The most sustainable washing techniques were developed to ensure that 98% of the water is recycled and re-used, and the other 2% evaporates.

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**Name:** TELFAR Fall-Winter 2018 Collection

**Designers:** TELFAR

**One line description:** A FASHION COLLECTION THAT CROSSES THE GENDER DIVIDE

**Paragraph description:** Telfar Clemens' fashion line is based around the simple slogan: 'It's not for you – it's for everyone.' Creating unisex clothing since 2005, Clemens' latest collection was presented not on a runway but in the form of a concert, performed by friends of the brand and featuring an adaptation of 'Grateful' by gospel singer Hezekiah Walker. The collection was modelled by both men and women, and is intended to be equally suited to both.



**Name:** Vigilamus

**Designers:** Matty Bovan

**One line description:** A FASHION HOMAGE TO GRANDMA, FROM A SHED IN YORK

**Paragraph description:** Matty Bovan's debut collection was inspired by his late grandmother and her wardrobe of tweed suits. Working from a converted shed behind his parents' house in York, the young designer took this prim and proper fabric and reinterpreted it in a post-apocalyptic style, using a specially made tweed of exaggerated chunky yarns with contrasting woven elements and ragged edges. The featured evening gown comes complete with a balaclava headpiece of tulle and red balloons, created by Stephen Jones Millinery.

**Name:** Made by Rain

**Designers:** Alik van der Kruijs

**One line description:** A FABRIC THAT RECORDS RAINFALL

**Paragraph description:** Made by Rain is a textile collection in which rainfall is recorded on sheets of silk. The designer has developed a technique called 'pluviagraphy', by which rainfall causes a transfer of colour on the surface of the fabric. Each piece is unique and comes with information about the location, time and weather conditions under which it was made.



**Name:** Horizon Infinity

**Designers:** Marisa and Marie Gnanaraj

**One line description:** A SRI LANKAN TAKE ON TAILORED MENSWEAR

**Paragraph description:** Horizon Infinity is a collection of menswear by Sri Lankan fashion designer Marisa Gnanaraj. Created with her mother, textile designer Marie Gnanaraj, the line is made exclusively in handwoven Sri Lankan fabric. Its tailored reinterpretations of traditional garments, along with its vibrant, desert-inspired palette, aim to give contemporary expression to the colourful men's clothing of the island's pre-colonial past.



## Architecture

**Name:** MycoTree

**Designers:** Sustainable Construction (Karlsruhe Institute of Technology) and Block Research Group (ETH Zürich)

**One line description:** A BUILDING BLOCK MADE FROM MUSHROOM MYCELIUM

**Paragraph description:** MycoTree is an architectural system made of load-bearing mycelium (the root-like fungal colonies that produce mushrooms). While many designers have investigated the possibilities of using mycelium to make furniture, lighting, or cladding for buildings, MycoTree results in an entire self-supporting structure. Grown at a mushroom farm in Indonesia and fitted together using bamboo endplates and metal dowels, the structure offers a sustainable alternative for building construction in the future.

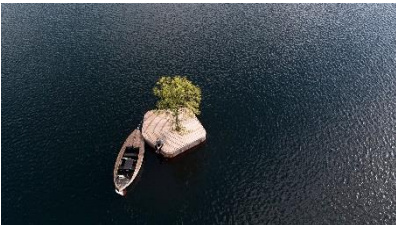


**Name:** Copenhagen Islands

**Designers:** Marshall Blecher and Magnus Maarbjerg

**One line description:** AN ARCHIPELAGO FOR AQUATIC LEISURE

**Paragraph description:** Copenhagen Islands is a series of floating platforms that encourage public recreation in Copenhagen Harbour. The project aims to bring life and activity to the city's waterways in response to rapid urban development, while anticipating rising sea levels. The platforms each offer different amenities and features, such as a sauna or diving board, and can be brought together as a cluster for special events.



**Name:** The Common Stove

**Designers:** Matali Crasset

**One line description:** A PUBLIC STOVE TO BRING PEOPLE TOGETHER

**Paragraph description:** The Common Stove was designed for 'Faraway, So Close', the 25th Biennial of Design in Ljubljana. The aim of the biennial was to test the potential of rural areas as an alternative to urban living. By placing a large domestic stove in the woods, the project aimed to reactivate the lost and forgotten links between the local community and the forest, inviting the area's residents to spend time together around the stove's emanating warmth.



**Name:** SESC 24 de Maio

**Designers:** Paulo Mendes da Rocha and MMBB Arquitetos

**One line description:** AN OFFICE BUILDING TURNED ARTS AND RECREATION CENTRE

**Paragraph description:** The SESC 24 de Maio is a non-profit arts and recreation centre housed in a former office building in downtown São Paulo, Brazil. The building has been adapted to house a theatre, restaurant, library, dentist practice, exhibition space and other facilities, all of which are accessible via a continuous ramp that runs along all fifteen floors. With an Olympic-sized rooftop pool, the complex adds a bright spot to the otherwise grey landscape, visibly enlivening the local area.





**Name:** Digua Community

**Designers:** Shu Zhou

**One line description:** A BOMB SHELTER TURNED GRASSROOTS COMMUNITY CENTRE

**Paragraph description:** The Digua Community is a social design initiative transforming abandoned bomb shelters in Beijing into shared community facilities for gatherings, events, and other activities. For its second project, realised in an underground shelter in the Jianxiyuan neighbourhood, area residents were invited to co-design the spaces, offering a rare opportunity in the Chinese capital for direct grassroots participation in local planning.



**Name:** Small is Meaningful

**Designers:** Design Trust Futures Studio

**One line description:** A MENTORING PROGRAMME FOR RETHINKING PUBLIC SPACE

**Paragraph description:** Facilitating collaboration between the public and private sectors in Hong Kong, Design Trust Futures Studio launched Small is Meaningful. The project saw four mentor–mentee teams tackle Hong Kong’s severe shortage of public space by designing, and in some cases implementing, micro-park concepts across different neighbourhoods. This included a series of portable public furniture, a mobile park built on the back of a truck, and a skip transformed into a children’s playground.



**Name:** Jintai village reconstruction

**Designers:** Rural Urban Framework

**One line description:** A NEW VILLAGE FOR AN EARTHQUAKE-PRONE AREA

**Paragraph description:** Jintai village in China’s Sichuan province was almost entirely destroyed by an earthquake in 2008, and again by a major landslide in 2011. Rural Urban Framework has since been working with residents to rebuild their community in a way that encourages sustainability, resilience and self-sufficiency. Densely arranged, the new village includes a community centre and twenty-two houses, of various sizes and configurations, that use local materials and incorporate rainwater harvesting, natural light and ventilation, and terraced roof gardens for collective and household farming.



**Name:** Chaoyang Park Plaza

**Designers:** MAD Architects

**One line description:** A BUILDING INSPIRED BY CHINESE LANDSCAPE PAINTING

**Paragraph description:** Chaoyang Park Plaza is a 220,000 square metre office and retail complex of ten buildings situated on the southern edge of one of Beijing’s largest parks. Drawing on classical Chinese gardens and shan shui landscape painting, its forms evoke eroded mountains or rock formations, intentionally prompting a culturally specific blurring of the natural and artificial. The tallest buildings’ vertical fins provide energy-efficient ventilation and filtration, while a pond at their base helps cool the

complex's interiors in summer. The project was awarded LEED Gold Certification by the US Green Building Council.



**Name:** Zeitz Museum of Contemporary Art Africa

**Designers:** Heatherwick Studio

**One line description:** A MUSEUM CARVED FROM CONCRETE

**Paragraph description:** The Zeitz Museum of Contemporary Art Africa, in Cape Town, strikingly repurposes a former grain silo made obsolete by containerised shipping. For this post-industrial project, designer Thomas Heatherwick carved out a dramatic, skylit central atrium from within the original 42 tightly packed concrete silos to reveal startling geometries, while also converting them for gallery use. Faceted glass windows were also punched out of the building's grading tower to create a kaleidoscopic effect.

**Name:** Louvre Abu Dhabi

**Designers:** Jean Nouvel

**One line description:** A GLOBAL MUSEUM TRANSPORTED TO THE DESERT

**Paragraph description:** Designed by French architect Jean Nouvel, the Louvre Abu Dhabi is an encyclopaedic art museum. It was set up through a 30-year agreement between the Emirati and French governments by which the Louvre and other French institutions are supplying expertise and loans for much of the content, while the museum builds a collection of its own. Inspired by traditional Arabian architecture, its cluster of buildings is covered by a sprawling latticed dome that provides shade while casting intricate shadows on the ground.



**Name:** Qatar National Library

**Designers:** OMA

**One line description:** A NATIONAL LIBRARY FOR THE 21ST CENTURY

**Paragraph description:** The new Qatar National Library celebrates the continued importance of books and public libraries in the digital era. In a single, open space, its more than one million books are displayed on terraces of marble shelving, interspersed with spaces for reading, browsing, and gathering, with views into a sunken, travertine-clad archive for rare books and manuscripts below.



**Name:** Gulshan Society Jame Mosque

**Designers:** Kashef Chowdhury / URBANA

**One line description:** A MULTISTOREY MOSQUE FOR A DENSE NEIGHBOURHOOD

**Paragraph description:** The Gulshan Society Mosque in Dhaka rethinks the layout of traditional mosque architecture by placing seven identical prayer halls stacked one on top of the other. The project's aim was to accommodate a large congregation on a small plot, while also providing an attractive landmark for the densely packed area. The building's outer pattern is an abstraction of a prayer in Kufic script.



**Name:** Stone Matters

**Designers:** AAU Anastas / Scales and Laboratoire GSA

**One line description:** A STONE PAVILION THAT COMBINES TRADITIONAL AND DIGITAL SKILLS



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**Paragraph description:** Stone Matters is a pavilion in Jericho, Palestine, built of 300 interlocking, structural stone components. Showcasing new possibilities for a building material with deep traditions in the area but now used almost exclusively for superficial cladding, the project combines digital design with stereotomy stone-cutting techniques that rely on existing local know-how. The aim is to spur a revival of masonry that will prevent knowledge of the material from being lost.



**Name:** Microlibrary at Taman Bima

**Designers:** SHAU Indonesia

**One line description:** A COMMUNITY LIBRARY MADE OF ICE-CREAM BUCKETS

**Paragraph description:** Taman Bima microlibrary was the first of a series of small libraries to be constructed throughout Indonesia in an effort to improve the country's literacy rate. Situated in a small square, the building was constructed on a pre-existing stage, with a façade system of plastic ice-cream buckets inserted in metal frames. The buckets are readily available, cost-efficient, and easy to assemble, while allowing for natural lighting and ventilation.



**Name:** Fuyang Cultural Complex

**Designers:** Amateur Architecture Studio

**One line description:** A MUSEUM THAT'S ALSO A LANDSCAPE

**Paragraph description:** Architect Wang Shu's Fuyang Cultural Complex is a large-scale project outside Hangzhou, China. It includes a history museum, gallery and archive. Incorporating Wang's characteristic use of vernacular materials, forms, and spatial strategies drawn from Chinese gardens and landscape painting, the building features a dramatic, undulating roofscape where visitors can meander. Rural revitalisation is one of Wang's greatest concerns, and he accepted the commission only after the local government agreed to let him restore and rebuild a nearby village.



**Name:** Ganga Maki Textile Studio

**Designers:** Bijoy Jain of Studio Mumbai

**One line description:** A HOME FOR CRAFTS AT THE FOOT OF THE HIMALAYAS

**Paragraph description:** Ganga Maki is a textile studio run by Japanese designer Chiaki Maki in the foothills of the Himalayas in northern India. Designed by Bijoy Jain of Studio Mumbai, its new home consists of weaving and dying workshops, a gallery, housing and other facilities, all arranged around a central courtyard and constructed by local craftsmen of brick, lime, stone and bamboo.



**Name:** LEGO House

**Designers:** Bjarke Ingels Group

**One line description:** A LEGO PROJECT ON AN ARCHITECTURAL SCALE

**Paragraph description:** LEGO House is an activity centre for playing and learning with LEGO, set in the Danish town where the plastic building brick was invented. The centre offers a variety of exhibition spaces and public squares, including a roof terrace and pixelated staircases that double as informal auditoriums. Inside, four play zones are arranged by colour and

programmed with activities to develop different aspects of a child's learning: creative, cognitive, social and emotional.



**Name:** Lumen

**Designers:** Jenny Sabin Architects

**One line description:** A PAVILION KNITTED FROM LUMINESCENT YARN

**Paragraph description:** Lumen was a summer installation commissioned for the annual Museum of Modern Art and MoMA PS1 Young Architects Program in New York. Knitted from luminescent yarns, its tubular structures absorbed light throughout the day, which was then emitted at night. The installation, which took over the courtyard of MoMA PS1, was also embedded with sensors, allowing it to track the densities of bodies, heat and sunlight, while cooling mist ensured it remained a refreshing space for gathering.



**Name:** Bío Bío Regional Theatre

**Designers:** Smiljan Radic, Eduardo Castillo and Gabriela Medrano

**One line description:** A THEATRE WRAPPED IN A TRANSLUCENT SKIN

**Paragraph description:** The Bío Bío Regional Theatre was commissioned by the Chilean government to rejuvenate the city of Concepción after a devastating earthquake in 2010. Its skeletal frame is wrapped in PTFE, a Teflon-coated fiberglass less than an inch thick. This unusual choice of material gives the building a sense of weightlessness but also an air of mystery; the light gleaming through its walls at night lures in passers-by and hints at the activity within.

## Digital

**Name:** aibo ERS-1000

**Designers:** Sony Corporation

**One line description:** AN ICONIC PET ROBOT, REVISITED

**Paragraph description:** The aibo ERS-1000 marks the return of Sony's seminal aibo robotic dog after a twelve-year absence. Like its predecessor, it's programmed to 'learn' and adjust its behaviour through interactions with its owners, but now has greatly improved artificial intelligence and facial-recognition capabilities using cloud computing. Whether for children, the elderly, or others who may feel isolated in increasingly fragmented societies, the new model's deliberately cuter appearance – with its smoother features and more puppy-like OLED eyes – encourages owners to form emotional connections.



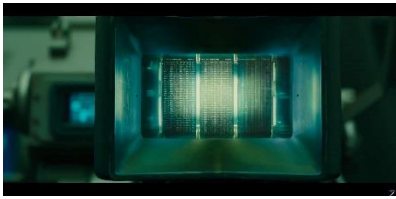
**Name:** Franchise Freedom

**Designers:** Studio Drift

**One line description:** A DANCE OF SWARMING DRONES

**Paragraph description:** For their latest installation, Dutch duo Studio Drift choreographed a swarm of 300 illuminated Intel® drones to fly above Amsterdam for a 12-minute performance. The drones were programmed to replicate the movements of swarms found in nature, reflecting on the tension between individual freedom and safety in numbers. The choreography was set to an original live score by composer Joep Beving.



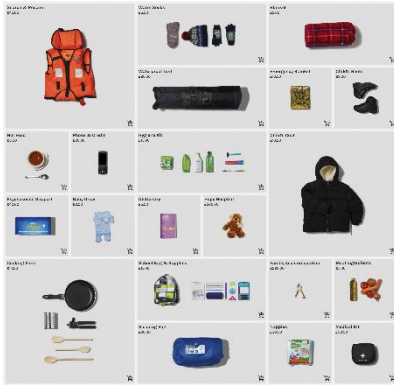


**Name:** Technology interfaces for Blade Runner 2049

**Designers:** Territory Studio

**One line description:** A GRAPHIC INTERFACE FOR A FUTURE-DEFINING FILM

**Paragraph description:** Working closely with director Denis Villeneuve, Territory Studio created the technology interfaces for the sets of Blade Runner 2049. Building on that film franchise's zeitgeist-defining visuals, the studio experimented with combining digital with analogue technologies, such as optical lenses, cine projectors, microfiche and card systems, to help realise the noir future depicted in the movie.



**Name:** Choose Love shop

**Designers:** Help Refugees in partnership with Glimpse

**One line description:** A SHOP FOR BUYING SUPPLIES FOR REFUGEES

**Paragraph description:** Choose Love is a non-profit online shop where people can buy supplies for refugees. It offers items such as emergency blankets, school bags and children's shoes, which can be purchased on its website for distribution to displaced people across Europe and the Middle East. Over the 2017 Christmas shopping season, Choose Love opened a temporary pop-up space in London's Soho district.



**Name:** Bad News

**Designers:** Gusmanson and DROG

**One line description:** A GAME TO HELP US OUTSMART FAKE NEWS

**Paragraph description:** Developed by Dutch organisation DROG and researchers at Cambridge University, Bad News is an online game that shows players how online media are manipulated to create fake news. By explaining how these deceptive practices work, the aim is to encourage critical news consumption and to build up the public's resistance to false or misleading information. Players are taken through six key strategies of disinformation: impersonation, emotion, polarisation, conspiracy, discredit and trolling.

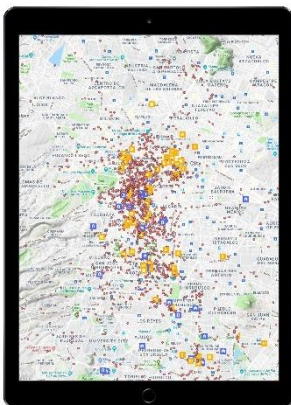


**Name:** Gucci Spring Summer 2018 campaign: #GucciHallucination

**Designers:** Ignasi Monreal (artwork), Alessandro Michele (creative direction) and Christopher Simmonds (art direction)

**One line description:** A SURREAL, DIGITALLY PAINTED AD CAMPAIGN

**Paragraph description:** For its Spring Summer 2018 campaign, Gucci collaborated with Spanish illustrative artist Ignasi Monreal on a series of surrealist works inspired by Renaissance and Pre-Raphaelite masterpieces. Van Eyck's Arnolfini Portrait, Bosch's Garden of Earthly Delights and John Everett Millais' Ophelia were reimagined with models sporting lace-topped socks, Gucci logo tracksuits, diaphanous gowns and loafers. All of the works were digitally painted, and could be viewed as interactive animations through the Gucci app.



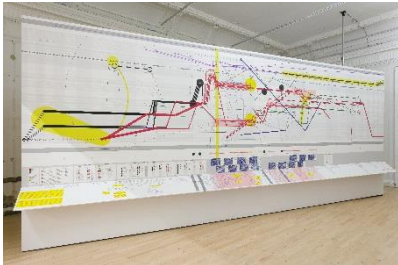
**Name:** Verificado19s

**Designers:** Anonymous Collective

**One line description:** A CROWD-SOURCED PLATFORM FOR VERIFYING INFORMATION

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**Paragraph description:** Verificado19s is a website that disseminated up-to-date, corroborated information to the general public after a major earthquake struck central Mexico in 2017. Set up by a multidisciplinary team of graphic designers, lawyers, journalists and programmers in response to perceived government inaction, the site provided vital information such as which buildings were in danger of collapsing, where shelters were being set up and what medicines were available in hospitals. Only eye-witness statements were published.



**Name:** Counter Investigations: Forensic Architecture exhibition at the Institute of Contemporary Arts, London

**Designers:** Forensic Architecture

**One line description:** A DOSSIER OF SPATIAL AND DIGITAL FACT-FINDING

**Paragraph description:** Counter Investigations was a survey exhibition of work by Forensic Architecture, an independent research agency based at Goldsmiths University, London. The agency works to uncover miscarriages of justice and international war crimes through the architectural analysis of images. From official news and smartphone footage to satellite images, minute clues and fragmentary evidence are painstakingly analysed to create full 3D reconstructions of events, allowing the team to verify disputed information.



**Name:** Space Debris – A Journey to Earth

**Designers:** European Space Agency with ID&SENSE and ONiRiXEL

**One line description:** A VISUALISATION OF THE DANGERS OF SPACE DEBRIS

**Paragraph description:** Produced by the European Space Agency, Space Debris is a digital animation about the waste currently in orbit around the earth. Launched by humans, broken satellites, used rocket stages and other bits of space junk now enshroud the planet, posing the risk of catastrophic damage to spacecraft on their journey beyond earth. The disastrous effects of colliding with even small particles of debris can be seen in the nearby exhibit.



## Graphics

**Name:** Mushpit #10

**Designers:** Mushpit with Richard Turley

**One line description:** A WOMEN'S MAGAZINE THAT DEFIES STEREOTYPES

**Paragraph description:** Challenging the mainstream women's magazine format, Mushpit brings together a mix of media-industry satire, relationship angst and left-wing politics. For its tenth issue, themed around 'courage', Mushpit collaborated with MTV Creative Director Richard Turley to explore issues such as grief, hysteria and fortitude. Playing with the visual language of the internet, the magazine provides a humorous and irreverent look at issues facing young women today.



**Name:** Netherlands Women's National Football Team crest

**Designers:** Wieden+Kennedy Amsterdam for Nike

**One line description:** A LIONESSE FOR THE DUTCH WOMEN'S NATIONAL FOOTBALL TEAM

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**Paragraph description:** Ahead of the Women's European Championship, the Royal Dutch Football Association replaced the lion of the team's royal crest with a lioness, designed by Wieden+Kennedy. This was the first time that the crest had been changed in 46 years, reflecting the Football Association's desire to promote inclusivity and increased female participation in the sport. The logo also reflects the pride of the national women's team, known as the 'orange lionesses'.



**Name:** Migrant Journal

**Designers:** Offshore Studio (art direction) and Justinien Tribillon (editor)

**One line description:** A JOURNAL THAT UNRAVELS GLOBAL MIGRATION

**Paragraph description:** Migrant Journal is a six-issue, print-only publication that investigates the modes by which people, goods, information and even nature circulate around the world. Its content includes a variety of text, maps, infographics, data visualisation and photography, all compellingly presented to explore critically the relationship between global systems of flow and notions of territory and space.

**Name:** Aravrit

**Designers:** Liron Lavi Turkenich

**One line description:** A HYBRIDISED WRITING SYSTEM TO PROMOTE PEACE

**Paragraph description:** Aravrit is an experimental writing system that hybridises Hebrew and Arabic. Each word or letter consists of an upper half in Arabic merged with its Hebrew equivalent below. Its Israeli designer created the system to allow speakers of both languages to read the same script, encouraging each to find commonalities with the other and signalling a path towards peaceful cohabitation.



**Name:** Visual identity for the Czech Railway Infrastructure Association

**Designers:** Studio Marvil

**One line description:** A RAILWAY NETWORK REBRANDED

**Paragraph description:** Studio Marvil have created a new logo and graphic identity for the Czech national railway, SŽDC (Správa Železniční Dopravní Cesty). Deciding that its name was impractically long, the designers chose the letter Ž as a symbol of the entire network, železnice being the word for 'railway' in Czech. The letter has been modified to resemble three parallel railway tracks linked by a railroad switch, and has been applied to everything from train carriages and posters to stationery and staff uniforms.



**Name:** Hoarding for the Apple Store Taipei 101

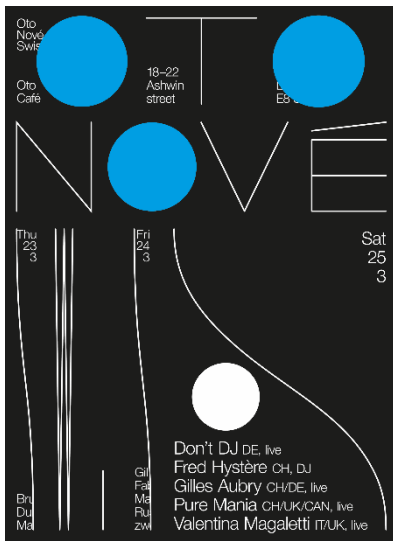
**Designers:** Yang Shiyi

**One line description:** A HAND-CUT CONSTRUCTION HOARDING FOR AN APPLE STORE

**Paragraph description:** Unlike what we usually see on the hoarding around a soon-to-be-opened store, Yang Shiyi's design for Taiwan's first-ever Apple Store, in Taipei, doesn't rely on the company's products or branding. Instead, he created a seventy-five-metre-wide artwork that spanned the entirety of the storefront. Using the technique of Chinese paper-cutting – an ancient artform dating back centuries – with craft knives, Yang cut out an elaborate image of a banyan tree filled with creatures such



as black bears, leopard cats and owls. The design suggests that the store is not just a place to sell products but also a space for people to congregate, interact and exchange ideas.



**Name:** Oto Nové Swiss

**Designers:** Studio Feixen

**One line description:** AN INTERACTIVE POSTER THAT LETS YOU COMPOSE MUSIC

**Paragraph description:** In collaboration with the performance venue Café Oto, Swiss graphic designers Studio Feixen created an interactive poster for Oto Nové Swiss, a three-day music festival in London. Rather than print posters and paste them around the city, they decided to create a purely digital campaign, experimenting with moving typography and allowing viewers to create sounds by moving the cursor over the interactive design.

**Name:** Trash Isles

**Designers:** Plastic Oceans Foundation with LADBible

**One line description:** A CAMPAIGN TO DECLARE THE GREAT PACIFIC GARBAGE PATCH A COUNTRY

**Paragraph description:** An accumulation of plastic waste covering an area the size of France is currently floating in the Pacific Ocean – though little is being done to address it, as it occupies international waters. Involving the creation of a 'national identity', complete with passports, stamps and currency, the Trash Isles campaign was launched to enlist citizen-petitioners to persuade the United Nations to recognise the waterborne mass of debris as an official country, forcing the global community to deal with it as a member of the UN Environmental Charter.



**Name:** Plastic-free aisle

**Designers:** A Plastic Planet and Made Thought for Ekoplaza

**One line description:** A PLASTIC-FREE SUPERMARKET AISLE

**Paragraph description:** Dutch supermarket chain Ekoplaza has opened the world's first plastic-free shopping aisle, with a plan to expand the programme to all of its 74 stores by the end of 2018. The aisle features more than 700 products packaged in recyclable glass, metal, cardboard and biodegradable containers, all clearly signposted by the 'plastic-free' logo designed by Made Thought. The logo is clear and simple, providing a cue for shoppers to buy responsibly.



**Name:** Save Our Species T-shirt

**Designers:** Lacoste with the International Union for Conservation of Nature (IUCN)

**One line description:** AN ICONIC LOGO MORPHED INTO ENDANGERED SPECIES

**Paragraph description:** To raise awareness of critically endangered animals, Lacoste, in collaboration with the IUCN, replaced their iconic crocodile logo with ten endangered species, all of which face the imminent threat of extinction. A limited number of polo shirts were made, with the number of available shirts correlating with the number of each animal that remains in the wild. The proceeds from each sale were donated to the species' conservation.



## Product



**Name:** Algae Lab

**Designers:** Studio Klarenbeek & Dros at Atelier Luma

**One line description:** A FACTORY LINE THAT 3D PRINTS IN ALGAE

**Paragraph description:** Working at Atelier Luma in Arles, France, Eric Klarenbeek and Maartje Dros have been exploring the potential of algae as a replacement for non-biodegradable plastics. The Dutch duo have been working with a local network of farmers and experts to harvest the natural material, which is then cultivated, dried and processed into polymers. These polymers are 3D printed into a variety of objects, proposing a new model for sustainable production.



**Name:** Totomoxtle

**Designers:** Fernando Laposse

**One line description:** A DECORATIVE VENEER MADE FROM MEXICAN CORN HUSKS

**Paragraph description:** Fernando Laposse uses native Mexican corn husks as a surfacing veneer to make tiles and marquetry. By laminating the husks onto wood veneer or thin MDF, tiles can be made in a range of colours, from deep purples to soft creams. The production of this new material is intended as an additional source of income to indigenous Mexican farmers, encouraging them to continue growing native corn, thus preserving the region's biodiversity, rather than more profitable genetically modified strands.



**Name:** Self-healing e-skin

**Designers:** Jianliang Xiao, Wei Zhang, Zhanan Zou and Chengpu Zhu

**One line description:** A SELF-HEALING SKIN FOR PROSTHETIC AND ROBOT LIMBS

**Paragraph description:** This electronic skin has been designed to sense pressure, temperature, humidity and airflow, offering a realistic sense of touch to people with prosthetic limbs. The flexible membrane is made from a polymer called polyimine, laced with silver nanoparticles to provide improved mechanical strength, chemical stability and electrical conductivity. Fully recyclable, the polymer is also self-healing, enhancing the durability and reliability of the device using it, and has potential applications for robots.



**Name:** Glowing Plants

**Designers:** Seonyeong Kwak and Michael Strano, Strano Research Group, Massachusetts Institute of Technology

**One line description:** A WAY OF TURNING PLANTS INTO NIGHTLIGHTS

**Paragraph description:** Almost twenty per cent of global electricity generation is used for lighting, creating CO2 emissions equivalent to seventy per cent of all the world's cars. The Strano Research Group is addressing this issue by engineering glowing plants that could act as a replacement for electrical lights. Plants are immersed in a solution

containing luciferase, the enzyme that gives fireflies their glow, allowing them to emit light in the dark. A single treatment carried out when the plant is a seedling is designed to last for its full life cycle.



**Name:** Bleached

**Designers:** Erez Nevi Pana

**One line description:** A FURNITURE SERIES GROWN FROM SALT CRYSTALS

**Paragraph description:** Bleached is a furniture series made out of recycled wood, vegan glue and luffa, immersed in the salty water of the Dead Sea. Over time, the luffa becomes a habitat for salt crystals to grow, creating a textured crust around the original construction. As a vegan, the designer was interested in creating objects that do not draw on animal life, making the uninhabitable environment of the Dead Sea an ideal site for experimentation.



**Name:** Paperfuge

**Designers:** Prakash Lab

**One line description:** A LOW-TECH WAY TO PERFORM BLOOD TESTS

**Paragraph description:** Paperfuge is a hand-powered centrifuge made of string, plastic and paper.

It can spin biological samples at thousands of revolutions per minute, separating pure plasma from whole blood. This is a critical step in the diagnosis of infections such as malaria, HIV and tuberculosis. The device costs just 20 cents, weighs two grammes, and can easily be carried in a doctor's pocket, making point-of-care diagnostics possible virtually anywhere.



**Name:** Nest ceramic heaters

**Designers:** Estudio ãCo

**One line description:** A CERAMIC HEATER FOR OFF-GRID COMMUNITIES

**Paragraph description:** These ceramic heaters were designed to provide much-needed warmth to vulnerable communities in the region of Chiapas, Mexico. The multiple layers trap and conserve heat, which slowly dissipates through the ceramic outer shell. Made using simple techniques and materials, the heaters are designed to be easily replicable by members of the community.



**Name:** Quicksee

**Designers:** PlenOptika

**One line description:** A PORTABLE EYE TEST THAT ANYONE CAN USE

**Paragraph description:** Quicksee is a portable device that allows healthcare workers with no optometry training to deliver accurate eye tests. In developing countries there is often limited access to specialised eye care and the expensive equipment it requires, meaning that people are unable to obtain prescription eyeglasses. This drastically affects their quality of life, educational potential and job opportunities. Quicksee is easy to use and displays a prescription estimate within approximately ten seconds.



**Name:** SurgiBox

**Designers:** Debbie Teodorescu, Mike Teodorescu, Stephen Okajima and Team SurgiBox

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**One line description:** AN OPERATING THEATRE THAT FITS INTO A BACKPACK

**Paragraph description:** SurgiBox is an inflatable tent that acts as a sterile operating theatre to be used in remote areas or disaster zones. The tent has a fan and HEPA (high-efficiency particulate air) filter that removes more than 99.9% of contaminants. Once it is placed around the patient, surgeons reach into sleeves to perform their work. SurgiBox can fit inside a backpack, making it a portable and cost-effective solution for people who may otherwise lack access to safe surgical care.



**Name:** Ori Studio Collection

**Designers:** Ori with fuseproject

**One line description:** A SMART FURNITURE SYSTEM FOR SMALL HOMES

**Paragraph description:** Ori is a robotic furniture system that allows owners to reconfigure their apartment at the push of a button. Designed for small living spaces, one unit can turn a studio apartment into a full-size bedroom, living room or office, depending on the owner's needs at that moment. The unit glides seamlessly from one setting to another along built-in magnetic tracks and can be plugged into a regular electrical socket.



**Name:** Medal design for PyeongChang 2018 Winter Olympics

**Designers:** Sukwoo Lee at SWNA

**One line description:** AN OLYMPIC MEDAL THAT EXTRUDES AN ALPHABET

**Paragraph description:** Avoiding the usual Olympic clichés, the PyeongChang Winter Olympics medal takes Hangul, the Korean alphabet, as its source of inspiration. Imagining the alphabet as the 'seeds of Korean culture', designer Sukwoo Lee placed the Games' consonants around the edge of the medals and extruded them across the surface, as if they'd grown into 'stems'. The use of Hangul is a gesture of unification between North and South Korea as the alphabet is the root of their shared culture. The ribbon is made using gapsa, a traditional Korean fabric, while the wooden housing references historic hanok architecture.



**Name:** Pretziada

**Designers:** Ivano Atzori and Kyre Chenven

**One line description:** A REINTERPRETATION OF SARDINIAN CRAFT

**Paragraph description:** Pretziada, meaning 'precious' in Sardinian, is a project that seeks to support artisanal excellence in Sardinia, while bringing the island's rich heritage to a contemporary design audience. Sardinian artisans are paired with international designers and, through intensive research, collaboration and documentation, create new iterations of traditional products, such as rugs, ceramics and ironwork.



**Name:** You & I rug collection

**Designers:** Nada Debs and FBMI

**One line description:** A CARPET COLLECTION THAT SUPPORTS TRADITION AND CRAFTSPEOPLE

**Paragraph description:** The You & I rug collection is the result of a collaboration between Lebanese designer Nada Debs and the Fatima Bint Mohammed Initiative, a carpet-weaving project providing fair employment for more than 3,000 Afghani weavers. Inspired by a line from the Sufi poet

Jalal al-Din Rumi – ‘Apparently two, but one in soul’ – the collection intricately overlays contemporary carpet patterns on traditional ones, using natural dye and locally hand-spun wool.



**Name:** Excavation: Evicted

**Designers:** Paul Cockledge, supported by Friedman Benda and Beatrice Trussardi

**One line description:** A DESIGNER'S RIPOSTE TO LONDON LANDLORDS

**Paragraph description:** Excavation: Evicted was Paul Cockledge's response to the threat of imminent eviction from his east London studio, which was to make way for redevelopment. Unbeknownst to his landlord, the designer drilled and excavated several tonnes of material from the floor, and turned it into furniture. Exposing layers of concrete, Victorian brick, and other materials, the results revealed the site's history while critiquing the state of the London property market.



**Name:** Unhomely

**Designers:** Chris Schanck

**One line description:** A NEW TECHNIQUE FOR TRANSFORMING FOUND OBJECTS

**Paragraph description:** Unhomely is a collection of fifteen pieces of furniture by Chris Schanck. They were made in Banglatown, the neighbourhood in his hometown of Detroit where he, and a large Bangladeshi community, live. Each piece is constructed using the designer's 'Alufoil' technique, by which found objects are covered in layers of resin and coloured foil to create a jewel-like effect. Though employing inexpensive materials, the process is labour intensive, spurring Schanck to recruit a local community of artisans whom he has trained to use his technique.



**Name:** Nintendo Labo

**Designers:** Nintendo

**One line description:** A CARDBOARD KIT FOR ADAPTING NINTENDO CONSOLES

**Paragraph description:** Nintendo Labo is a set of cardboard kits that allow players to transform their Nintendo consoles into a variety of interactive toys. These include an electric piano, a remote-control car and a doll's house whose on-screen inhabitant can be cared for by completing different tasks. The kit is designed to teach users the basic principles of physics, engineering and programming, and stems from the success of the physically interactive aspect of the Nintendo Wii.



**Name:** New £1 coin

**Designers:** Royal Mint and David Pearce

**One line description:** A COIN DESIGNED TO BE COUNTERFEIT-PROOF

**Paragraph description:** The new £1 coin, released in 2017, has been designed to be much harder to counterfeit than its predecessor. In contrast to its simpler, circular predecessor, which had become increasingly susceptible to forgery, the new coin has twelve sides and incorporates security features such as bi-coloured metal, micro-lettering and a hologram that displays the number one when viewed from one angle, and the pound symbol when seen from another. The coin's 'tails' side was designed by

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David Pearce, then a fifteen-year-old student who beat 6,000 other entrants, including adult professionals, in a national competition.



**Name:** Tetra countertop dishwasher

**Designers:** Heatworks and frog

**One line description:** A WATER-SAVING COUNTERTOP DISHWASHER

**Paragraph description:** The average household in the United States consists of 2.5 people, yet the average dishwasher holds thirteen place settings. Heatworks have addressed this discrepancy by designing a small, portable dishwasher that cleans two full place settings with a wash cycle of ten minutes. It uses only two litres of water per cycle and does not need to be connected to plumbing, making it easy to transport if people move home.

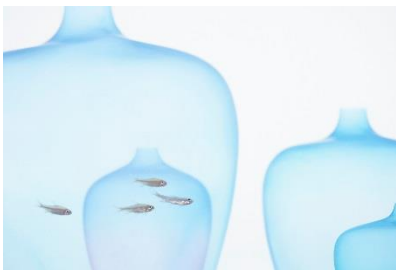


**Name:** Ceramic Tap Water Carafe

**Designers:** Lotte de Raadt

**One line description:** A RANGE OF SELF-COOLING CARAFES FOR ENJOYING TAP WATER

**Paragraph description:** Tap water is vastly cheaper and more environmentally responsible than bottled water. This series of terracotta carafes was designed to encourage people to return to drinking from the tap by making it a more pleasurable experience. The carafe stopper is a visual reminder of where the water has come from, while the unglazed terracotta naturally cools the liquid within.



**Name:** Jellyfish Vase

**Designers:** nendo

**One line description:** AN ULTRATHIN VASE THAT DANCES IN WATER

**Paragraph description:** Immersed in an aquarium, nendo's Jellyfish Vases are made of ultrathin transparent silicon, dyed twice to make them look like silhouettes rather than solid objects when placed in the water. Changes in the strength and direction of the current cause the vases to subtly undulate like slow-moving jellyfish, playing with the usual relationship between vases and water.



**Name:** JUST Water

**Designers:** Drew FitzGerald, Kara Rubin, Madwell and Tetra Pak, Inc.

**One line description:** A BIODEGRADABLE ALTERNATIVE TO SINGLE-USE BOTTLES

**Paragraph description:** JUST is a company that aims to reduce the environmental impact of bottled water by creating an alternative to plastic. While maintaining the convenience of a single-use product, the JUST Water bottle is fully recyclable. The body of the bottle is made from responsibly sourced paper, while the cap is made from sugarcane.



**Name:** Ore Streams

**Designers:** Studio Formafantasma

**One line description:** A FORECAST ABOUT PRODUCTION IN A FUTURE OF E-WASTE

**Paragraph description:** It's predicted that by 2080, most of our metals will come from existing products, as it will be cheaper to reuse old material than to extract metals from the ground. In their multimedia project Ore Streams, design duo Formafantasma investigated this scenario, producing two years of research on global supply chains and speculative office furniture that

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enigmatically incorporates e-waste such as smartphone casings, laptop keyboards and gold scavenged from circuit boards.



**Name:** Trashpresso

**Designers:** Miniwiz

**One line description:** A MOBILE, SOLAR-POWERED RECYCLING PLANT

**Paragraph description:** Trashpresso is a mobile waste-recycling plant housed on a 40-foot trailer truck platform. Powered by solar panels, the unit enables recycling in off-grid and remote areas by reducing the process to five steps: shredding, washing, air-drying, dehumidifying and baking. So far, it has been used to upcycle plastic and fabric waste into architectural tiles, and has been demonstrated in Shanghai, Beijing, Milan, London and Tibet.



**Name:** Metamorphism

**Designers:** Shahar Livne

**One line description:** A NEW MATERIAL FOR THE AGE OF PLASTIC MINING

**Paragraph description:** In this speculative project, the designer Shahar Livne has imagined a future in which producing petrol-based plastics is no longer possible, making humanity's buried plastic rubbish a precious resource to be mined from the earth. Geological processes have transformed the waste into a clay-like composite, which Livne has crafted into objects, proposing new definitions of raw materials and beauty.



**Name:** Caskia / Growing a MarsBoot

**Designers:** Liz Ciokajlo (OurOwnSkin) with Maurizio Montalti (Officina Corpuscoli)

**One line description:** A BOOT FOR MARS GROWN WITH HUMAN SWEAT

**Paragraph description:** If humans were to travel to Mars, there would be very limited room for taking necessary supplies. Officina Corpuscoli have investigated this dilemma by producing a boot grown out of mycelium, the root-like network of a fungus, fed with human sweat. The technique promises to give astronauts the ability to grow provisions with just a few spores during their long journey into space.

**Name:** Arrangements

**Designers:** Michael Anastassiades for Flos

**One line description:** A MODULAR, PENDANT LIGHTING SYSTEM

**Paragraph description:** Arrangements is a modular lighting system that comprises spare, geometric elements which can be configured to create multiple sculptural compositions. Evoking jewellery, each unit can link with the others, playing with the double meaning of 'pendant' as both a piece of jewellery that hangs from a chain and a light that hangs from the ceiling.



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**Name:** JINS Design Project #01: New Normal

**Designers:** JINS and Jasper Morrison

**One line description:** AN EXERCISE IN CREATING TIMELESS EYEWEAR

**Paragraph description:** Japanese eyewear brand JINS partnered with British designer Jasper Morrison in an attempt to create the ultimate basic in eyewear. After extensive research, Morrison refined the form of his designs by repeatedly examining them and making detailed improvements in 0.2 millimetre increments – a methodology that he compares to developing cutlery. The four resulting designs are intended to be universally appealing to and suitable for all, regardless of age, gender or ethnicity.



**Name:** Re-engineered Brown Betty Teapot

**Designers:** Ian McIntyre

**One line description:** AN UPDATE OF A TIME-HONOURED TEAPOT

**Paragraph description:** Ian McIntyre has revisited the Brown Betty teapot, working with Cauldon Ceramics, the oldest remaining maker of this classic British object. Together they have introduced a number of subtle but significant features, including a patented locking lid and non-drip spout. A tweak to the foot and neck allows the lid to be inverted into the body, enabling the teapot to be stacked and stored efficiently both in the factory and restaurants.



**Name:** ENEA walking stick

**Designers:** Shiro Studio in collaboration with Arup UK and MHOX

**One line description:** AN ELEGANT, MORE FUNCTIONAL WALKING STICK

**Paragraph description:** Shiro Studio seeks to address the stigma around walking sticks and their users by creating well-designed alternatives to standard mobility aids. Intended as a confident design statement rather than a manifestation of one's physical limitations, their 3D-printed ENEA walking stick offers functional improvements on conventional walking sticks through better handling comfort and stability. The stick can even rest vertically on its handle, affording the owner greater freedom in their movements.



**Name:** Fenty Beauty by Rihanna

**Designers:** Branding and packaging design by Established

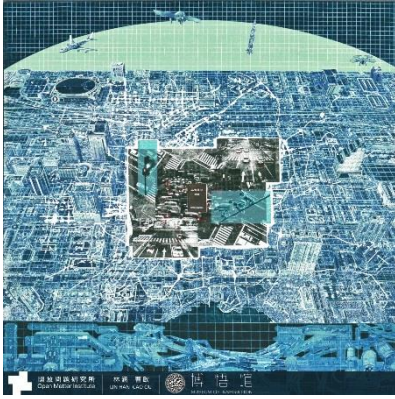
**One line description:** AN INCLUSIVE MAKE-UP RANGE FOR ALL SKIN TONES

**Paragraph description:** Born in 40 inclusive shades Fenty Beauty Pro Filt'r Soft Matte Longwear Foundation focuses on a wide range of traditionally hard-to-match skin tones, developing formulas that work for all skin types, pinpointing universal shades. Fenty Beauty's visionary make-up line caters to the diverse range of skin tones globally. All shades, personalities, attitudes, cultures and races, for everyone to feel included.

## Transport

**Name:** City Brain

**Designers:** City Brain Open Research (Wang Jian, Xue Guirong, Li Zhengui and Wang Min)



**One line description:** AN ARTIFICIAL INTELLIGENCE SYSTEM THAT OPTIMISES TRAFFIC

**Paragraph description:** City Brain is a big data and cloud computing system that provides real-time analytics about a city, with the aim of optimising services. Currently, it's being used to improve traffic flow in Hangzhou, China, where data gathered from roadside sensors and cameras is utilised to adjust traffic signals and send out instant alerts and route suggestions to drivers. It is estimated that the system will improve traffic speed in Hangzhou by twenty to forty per cent.

**Name:** Virgin Hyperloop One

**Designers:** Hyperloop One

**One line description:** A NEW KIND OF HIGH-SPEED INTERCITY TRAVEL

**Paragraph description:** In May 2017, a full-scale Hyperloop prototype was successfully tested in the Nevada desert, bringing closer to reality an open-source technology developed by SpaceX founder Elon Musk. Hyperloop is a system designed to propel passenger and freight capsules at high speed in a low-pressure tube, with vehicles floating above a track using magnetic levitation. It is planned to reach speeds of up to 670 miles per hour, two to three times faster than high-speed trains, making it an attractive alternative to air travel for short and mid-range distances.



**Name:** Kalk electric motorbike

**Designers:** CAKE

**One line description:** A SILENT, AND EMISSION-FREE, OFF-ROAD BIKE

**Paragraph description:** Kalk is an electric off-road motorbike. As an electric vehicle, it makes very little sound, does not produce harmful emissions and can be recharged using its accompanying solar panels. It weighs just under seventy kilos, making it easy to use, while the progressive span of the electric motor means that it does not need to have gears.



**Name:** Falcon Heavy

**Designers:** SpaceX

**One line description:** A REUSABLE ROCKET FOR COMMERCIAL SPACE TRAVEL

**Paragraph description:** On 6 February 2018, SpaceX successfully launched the world's most powerful rocket, the Falcon Heavy. Capable of lifting 64,000 kilograms into low earth orbit, it is more than twice as powerful as its two main competitors. It is also considerably cheaper to launch than other rockets its size: among other reasons, its empty launch boosters are retrieved after lift-off for future use.



**Name:** Mobike Lite

**Designers:** Naoto Fukasawa for Mobike

**One line description:** A MINIMALIST BICYCLE FOR SHARING

**Paragraph description:** Mobike is the world's first, and largest, bike-sharing platform. Bikes are unlocked through an online app, allowing them to be parked and locked anywhere in the city without having to find a docking station. The latest model, designed by Naoto Fukasawa, is fifty per cent stronger than European standards, but weighs just 15.5 kilogrammes, making it the lightest shared bike available. Designed to be simple and intuitive, its minimalist aesthetic resembles the Mobike logo.

