

A woman with dark hair tied back is standing on a silver step ladder, working on a white, triangular-shaped structure. She is holding a red-handled tool, possibly a screwdriver, near the top of the structure. The background is a rough, brick wall. The scene is brightly lit, suggesting an outdoor or well-lit indoor construction site.

WELCOME PACKAGE

the
ECOWEEK
MEET-UP

16 & 17 MAY 2020

ONLINE 48H CHALLENGE FOR CIRCULAR ECONOMY

*The Welcome Package was created by the ECOWEEK 2020 Online Team:
Texts: Despoina Kouinoglou, Margarita Kyanidou, Ellias Messinas, Pavlos Symianakis
Editing: Despoina Kouinoglou, Sofia Passia
Graphics: Sofia Passia
Photographs: Courtesy of ECOWEEK. Cover Page image: ECOWEEK 2012 in Rome, Italy.
Publicity: Eleni Mantika, Vicky Panagiotidou*

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Welcome to ECOWEEK Online 2020!



Welcome to the first ECOWEEK Online!

This is a very different event from what we have been doing for the past 15 years!

For the first time, we are in the middle of a crisis – or as some experts put it, at the end of the beginning of the crisis. A situation that we have not yet experienced in our lifetimes. Even as some of us who return to the 'new normal' we are asked to follow guidelines in public space and to keep a safe distance from everyone around us.

How that affect us is pretty obvious.

But, how does that affect us as architects and designers, and how does that affect our professions?

This is yet to be seen.

I want to take a step back and to ask where did the COVID-19 pandemic find us, and why are we talking today about Circular Economy in Design?

In my opinion, the pandemic found us at the question of whether **h u m a n i t y** is willing to make radical changes in the way we live in order to **avoid the climate crisis and a possible catastrophe.**

This question was raised already in the 1970s, when scientists began to develop scientific models on climate change and its impact on humanity. Prior to the pandemic, young people, led by Greta Thunberg, were demanding of governments around the world to address the climate crisis as a top priority, and to take drastic action to avoid its consequences.

The governments responded that this could not be done. They claimed that people are not willing to change their habits or lifestyle. So, governments refrained from taking any drastic measures, for example, to reduce burning fossil fuels and carbon dioxide emissions to the Earth's atmosphere and to avoid raising global temperatures above 1.5-2 degrees.

Governments said it cannot be done.

and yet we did it!

As a global community, we achieved the impossible. When we were asked to stop traveling, we stopped. When we were asked to stay at home, we did.

We achieved collectively in an almost magical way, what ecologists have been dreaming of for the last 50 years.

That is, to reduce the use of fossil fuels, in some countries by almost 75%! Over-tourism activity in some countries dropped by 75% and over-consumption and purchases by almost 80%. The air in many cities cleared, in others they saw the sky for the first time.

The pandemic caused the loss of life and it was tragic. But, it also saved lives, for example, of people dying from asthma or other diseases associated with air pollution every year.

Overall, it's remarkable how far our global community could go in changing our lifestyle, in order to protect our health and well-being.

Despite what our governments thought.



On the other hand, there is no doubt that the crisis almost brought global economies to their knees and millions of people lost their jobs. However, as European governments suggested, it was also an opportunity to give incentives for sustainable and less polluting practices.

It also showed that in time of crisis money can be made available. The trillions spent to keep businesses alive, if it was invested gradually in new technologies, new sectors of the circular economy, new products and new services, then not only would this money bring revenue to the countries, but also would create millions of new jobs.

So, as we experience the transition towards the post-pandemic new normal, **ECOWEEK** is organizing its first online conference to test new ideas, to develop old ideas, and to share professional and scientific knowledge and expertise on circular economy in design.

Our goal is to share with colleagues from around the world the possibilities offered by the circular economy, sustainable design and utilization of material recycling and renewable energy sources, and to discuss practical ways to implement them in our daily lives, at home and at work.

Why Circular Economy in Design?

The building industry is responsible for the use of up to 40% of the materials produced globally and about 35% of the world's waste. According to EU waste legislation, European countries are aiming to a recovery target of construction and demolition waste up to 70%. So, the building can be part of the solution.

To achieve this, we need a new model of design and architecture that will be based on the logic of place and microclimate, the rational use of materials and technologies and the reuse of materials and the avoidance of waste from construction activity.

The European Union has set goals for the implementation of the circular economy by 2030, which requires all countries from today to start moving in this direction.

This is exactly what we aim to achieve in this ECOWEEK Online Challenge: to contribute in moving from a Linear Economy (Produce-Use-Waste) to a C i r c u l a r E c o n o m y in construction (Produce-Use-Reuse) :

Design for Disassembly, Internet of Things & Material banks are being introduced to optimize circular construction practices.

Circular economy in construction ensures that, in addition to environmentally friendly materials, resources in the construction chain are being reused as much as possible.

ECOWEEK Online is the first of a series of online challenges by ECOWEEK. After 15 years of activity in 17 countries, we see an opportunity in creating new models of interaction, from the physical learning model of lectures and workshops to a more hybrid-model of virtual and physical activity.

We look forward to developing this new model together! If you are a university, NGO, Municipality or business, get in touch to discuss more details!

I close with a big thank you for responding to our call. Your response was overwhelming and extremely encouraging! We hope you enjoy this experimental weekend-long online challenge!

A big thank you to our amazing speakers and tutors, who will share their work, ideas, expertise and experience, and will guide you in your workshop! Also, a big thank you to the amazing ECOWEEK team, which within a very short time, put together this challenging international gathering!

Thank you for joining!

Enjoy this weekend!

Dr. Elias Messinas
Architect and Environmental Consultant
Founding Chairman of ECOWEEK

ECOWEEK
... habits change ... climate change

INDEX

01	WHO WE ARE	/ 06	07	MEET OUR PARTNERS	/ 28
02	HOW WE DO IT	/ 08	08	MEET THE TEAM	/ 30
03	WHERE WE ARE	/ 10	09	CONTACT	/ 34
04	WHY WE DO IT	/ 12			
05	THE PROGRAM	/ 16			
06	MEET OUR EXPERTS	/ 18			



WHO WE ARE

ECOWEEK is an international non-governmental non-profit organization with the mission to raise awareness on environmental issues and to promote the principles of social and environmental sustainability. First established in Greece in 2005, **ECOWEEK** has developed activity in 17 countries, and has developed a professional and academic network in 56 countries.

With over a decade of activity and programs, **ECOWEEK** has developed an outreach to more than 17 countries, making an impact in more than 30 cities, through more than 200 sustainable design workshops for more than 4000 students and professionals. **ECOWEEK** projects have affected public spaces and institutions and the lives of thousands of people!

ECOWEEK organizes international conference and sustainable design workshops in cities around the world, bringing together professionals and students of Architecture, Design, Landscape Architecture, and Environmental Engineering.

ECOWEEK design workshops led by architects and designers, train graduate students in transforming places and making a difference for communities. Through interventions in public spaces, placemaking and planning they propose and implement ideas of environmentally and socially-conscious design and action.

ECOWEEK conferences and sustainable design workshops have become for the past 15 years, a unique experience and a turning point to the professional growth and career for hundreds of young professionals and students.

ECOWEEK has published over the years many catalogues. The latest can be viewed here: [ECOWEEK 2016](#)

In 2016 **ECOWEEK** published its first book titled *The BOOK #1: 50 Voices for Sustainability*. The book hosts built work, projects, ideas, and interviews from renown professionals, from the extended **ECOWEEK** 'family': they have lectured and/or led **ECOWEEK** workshops in cities around the world. They are joined by professionals, leaders and educators, young professionals, and students. They share their inspiring work and their own insights about sustainability and sustainable design.

Among them, Kengo Kuma, Bjarke Ingels, Françoise-Helene Jourda, Diebedo Francis Kere, Michael Sorkin, Gernot Minke, Prof. David Orr, and Antarctica explorer Robert Swan.

Read [ECOWEEK The Book](#) online.

More information about [ECOWEEK](#)

02

HOW WE DO IT



ECOWEEK celebrates 15 years since its establishment in Greece in 2005.

Since then, programs were developed including international conferences and sustainable design workshops, outreach programs and lectures, in Australia, Bosnia and Herzegovina, China, Denmark, Greece, India, Israel, Italy, Kosovo, the Netherlands, Poland, Romania, Serbia, Turkey, the United Kingdom, the United States, and the West Bank.

Over the years, small or medium scale interventions and placemaking took place in various locations, such as public spaces, schools, residences, refugee camps etc. following the principles of circular economy. They explored the use, reuse, recycling and up-cycling of materials, use of new technologies, such as renewables, and nano-technology and more.

**this time we make it different:
something old, something new
something borrowed, something...green**

The ECOWEEK 48-hour Challenge for Circular Economy includes lectures, virtual games, design workshops, new and recycling or upcycling of past ECOWEEK projects, from a new circular economy thinking.

The 48-hour Challenge will take place online, through the ECOWEEK digital platforms. Prepare coffee and snacks, and find a comfortable position in front of your laptop, enroll your imagination and we are ready to go!

🗣️ The objective of the first ECOWEEK Online meet-up is to share with professionals and peers from around the world, the principles and opportunities of CIRCULAR ECONOMY IN DESIGN, and to discuss practical ways to implement them in our practice of planning, architecture and design, and to adopt them in our daily life. 🗣️

Dr. Elias Messinas
Architect and Environmental Consultant
Founding Chairman of ECOWEEK

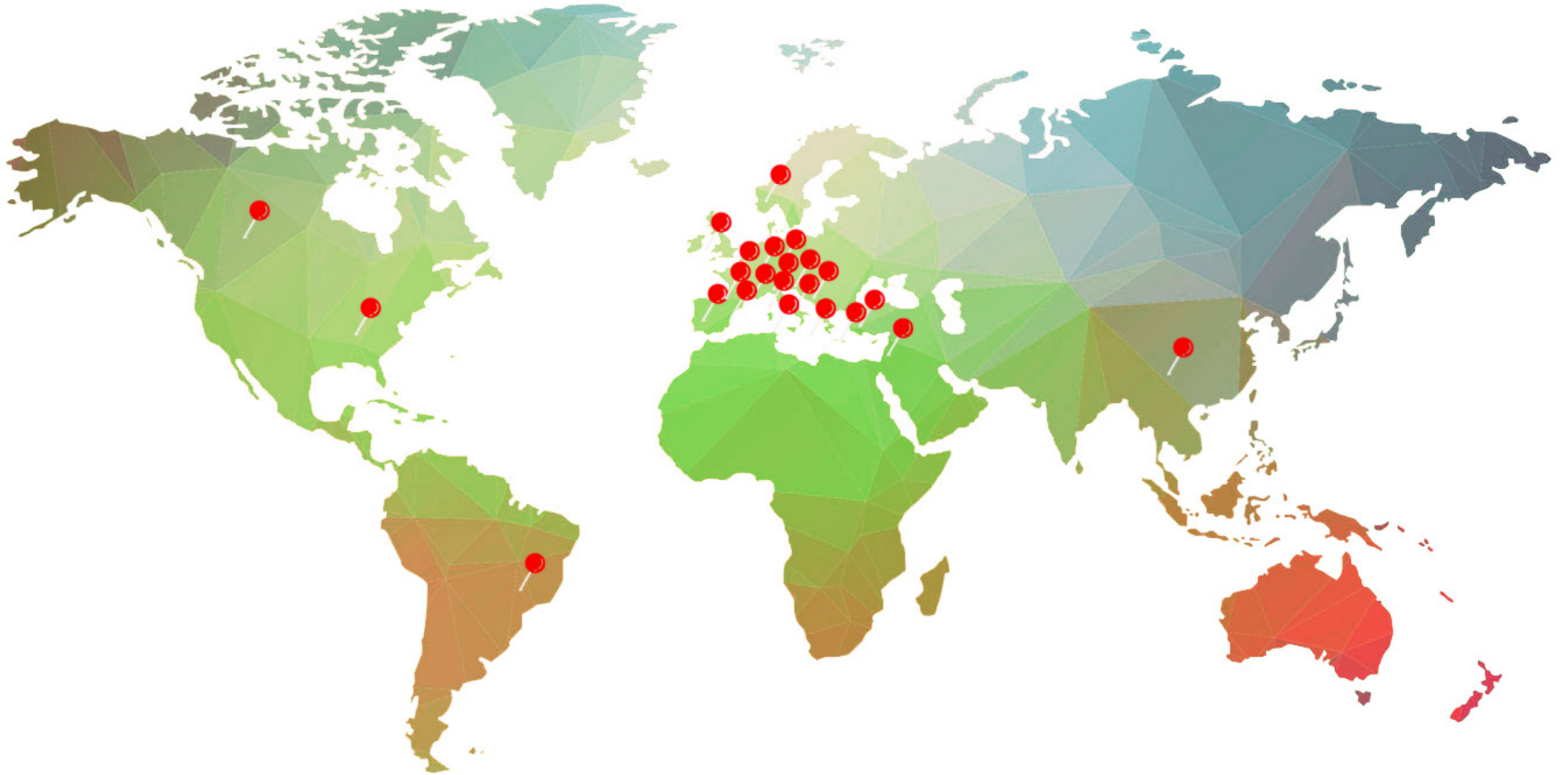
03

WHERE
WE
ARE



WHEREVER YOU CHOOSE FROM

THIS IS YOUR LOCATION



THIS IS OUR FIRST ONLINE MEET-UP

04

WHY
WE
DO IT



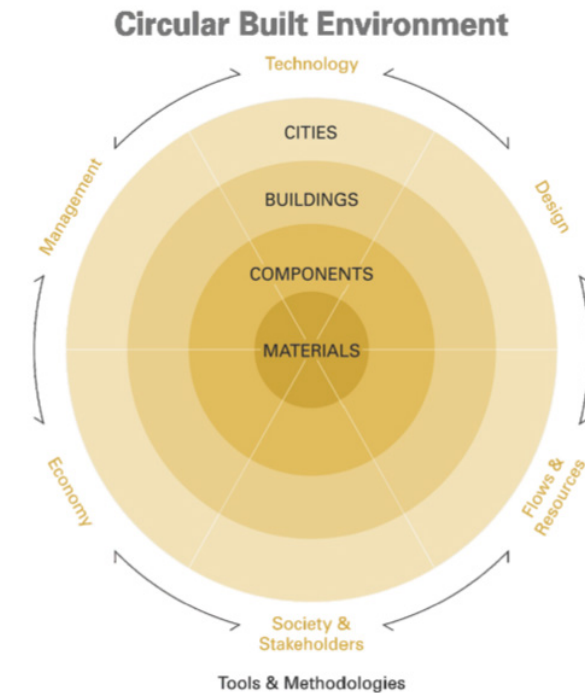
Current and future advancements show that the request for natural resources will rise three times in 2050. The main reasons under these advancements are on the one hand the global economic growth and on the other hand the increase of the world population, from 7 billion people today to 9 billion people in the next 50 years (Swilling, 2011).

At the same time, the middle class will significantly increase, which will lead directly to the doubling of consumption per capita. (WBCSD, 2008) Because of the above-mentioned changes, improving the life quality for many is a case in danger. (Ellen MacArthur Foundation, 2012). Adding to this the waste production is continuously increasing. Since the introduction of the "Ladder van Lansink: (in 1970) and the introduction of the Circular Economy concept by the European Union, waste prevention becomes a priority (Icibaci 2019).

'Circular economy is a **sustainable act** by thinking the circular supply chains and maximizing the value of materials in which products can be re-used re-manufactured or/and re-cycled' (EMF, 2012).

Nowadays the built environment is the major sector that uses 40 to 50% of the raw materials and 10 to 30% of the waste flow in the European Union. (Uihlein & Eder, 2009). Natural resources processed and extracted from the operation and construction of buildings and infrastructures are considered for the major consumption of resources, energy, and materials. (Adriaanse, 1997; Matthews, 2000; Boardman, 2004; Graedel and Howard-Grenville, 2005; Ortiz, 2009; Wiedmann, 2015, Icibaci, 2019).

The circular economy in the building sector is a systematic approach that could gradually lead to the confrontation of the abovementioned situation. A method towards circular constructions is to recycle the materials used in the built environment, a process in which constructions are designed in a way that allows their materials to be reused, upcycled, and downcycled. (ABN, 2014).



... the next big thing in design is circular

Ellen McArthur Foundation

A method towards circular constructions is to recycle the materials used in the built environment, a process in which constructions are designed in a way that allows their materials to be reused, upcycled, and downcycled. (ABN, 2014).

The circular economy is now gaining attention, but knowledge and tools for bringing this concept in reality still need to be developed. A lot of research has been conducted regarding the ways in which different parts of a product or construction can be reused or recycled after the product's or building's expected.



Moving from a linear Economy to a Circular Economy in construction is the key to increase the quality and quantity of recycling and reuse of construction and demolition materials.

A large proportion of companies and startups are focusing on creating a Circular framework for their products and services lifespan. Furthermore, design for disassembly, Internet of Things, and Material banks are being introduced to optimize circular construction practices.

The circular economy in construction ensures that resources in the construction chain are used and reused as much as possible and more environmentally friendly materials are preferred.

The final goal: a completely circular construction industry in the close future!

useful glossary /

BIOLOGICAL CYCLE : Consumables in a circular economy are made from biological nutrients that are non-toxic and possibly even beneficial to the biosphere whence they are returned after being consumed.

BIOMIMICRY: Biomimicry is learning from and then emulating nature's forms, processes, and ecosystems to create more sustainable designs.

BIOSPHERE: The biosphere is the global ecological system comprising all living beings and their interactions, including with, for example, the atmosphere. It is the global sum of all ecosystems.

CASCADE: Cascading materials and components means making use of them for another purpose once they reach their end-of-use phase, thereby extracting value from stored energy and material coherence. Along the cascade material order declines as entropy increases.

CRADLE TO CRADLE: The Cradle-to-Cradle concept and certification process, developed by William McDonough and Michael Braungart, is a design philosophy that considers all materials, both technical and biological, to be nutrients for the system. It focuses on the design of effective products with a positive impact.

FLOW: The flow of a non-renewable resource is the rate at which its finite stock (or known reserve) is depleted. The flow of a renewable resource is the rate it is used in (or degraded by) the economy; when its flow rate exceeds its regeneration rate the stock starts to degrade.

REGENERATIVE: A system is regenerative if its processes are able to renew or regenerate the sources of materials and energy that they consume. Regenerative design is associated with the Lyle Center for Regenerative Studies in California.

RESTORATIVE: In the technical cycle surplus energy is used to create order in matter so as to be able to build infrastructure, tools, and products. Processes such as remanufacture restore this order, using less energy than would be needed to start from scratch.

STOCK: The stock of a non-renewable resource such as a metal ore or fossil fuel is finite outside geological timeframes. The stock of a renewable resource such as a forest or soil can be regenerated. In a circular economy stocks of both types are managed.

SYSTEM: A system is a set of interacting components forming an intricate whole. The circular economy is particularly concerned with complex adaptive systems (such as the global economy and the biosphere), which have features like emergent behaviour and self-organisation.

TECHNICAL CYCLE: Technical materials (nutrients), such as metals and most plastics, are not suitable to be safely returned to the biosphere and so are designed from the start to enter the technical cycle, consisting of loops or repairing, reusing, manufacturing, and recycling.

🔗 ... what if you could redesign everything? 🔗

Ellen McArthur Foundation

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THE PROGRAM



saturday 16/05

11 am * launch

OPENING INTRODUCTION

elias messinas ecoweek founding chairman / despoina kouinoglou ecoweek associate

LECTURES SESSION

11:30 - 12:00 / jan jongert - superuse studios

harvest map / open-source platform for upcycling in construction

12:00 - 12:30 / panos sakkas & foteini setaki - the new raw

from waste to product with 3D printing / the approach towards a circular economy in design

12:30 - 13:00 / khusboo asrani, francesco longo, anna tsagalou - mor team, tu delft
together we can do mor / the ultimate vision to create a future-proof built environment

13:00 - 13:30 * break (on your own)

13:30 - 14:00 / k. giannakopoulos - ncsr "demokritos"

advanced materials enable the circular economy/ the transition to a sustainable world

14:00 - 14:30 / lizanne dirkx - superuse studios

Value System Game: A playful new economy / the superuse tool for the system of a project or company

14:30 - 15:00 / benjamin gill- bioregional one planet living

circularity from a lifestyle perspective / urban design as a driving force and sustainable choices

15:00 - 15:30 * CLOSING SESSION

elias messinas ecoweek founding chairman

15:30 - 16:00 * break (on your own)

16:00 - 17:00 * meet online with your tutors

sunday 17/05

11 am * workshops

MEET ONLINE WITH THE TUTORS

12:00 - 20:00

ONLINE DESIGN PROCESS

20:00 * deadline

upload the materials of your project

20 pm * conclusions

CLOSING SESSION

elias messinas ecoweek founding chairman

despoina kouinoglou ecoweek associate

*All hours displayed are UTC/GMT+3 time zone
All sessions take place through virtual meeting platforms only*



06

MEET
OUR
EXPERTS



The New Raw is a Research & Design studio based in Rotterdam (NL), founded in 2015 by architects Panos Sakkas and Foteini Setaki. The New Raw works towards closing material cycles and strengthening local production, using an approach that is based on material research, digital design and fabrication. Since day one, The New Raw has focused on recycling plastic waste with the use of 3D printing. The New Raw seeks better ways of applying circular economy concepts that push the boundaries of technological and social innovation; by seeing plastic waste as a resource.

The technology of The New Raw of in-situ recycling plastic waste with 3d printing has already been tested: (1) for marine plastic pollution; (2) hyperlocal fabrication on refugee camps; (3) decentralized recycling/production on islands; (4) awareness projects on plastic pollution; (5) urban plastic waste; on different cases and locations over the past two years. The studio chooses to work closely with companies, institutes and governmental bodies in order to provide impactful design solutions for plastic waste with the use of 3D printing.

The studio's work has been awarded, shortlisted and nominated for various design and innovation awards, such as the Fast Company World Changing Ideas, Plastic Recycling award, Dezeen awards, AW Future Award.



Jan Jongert (Amsterdam, 1971) graduated as Architect at the Academy of Architecture Rotterdam in 2003. As co-founder of Superuse Studios in Rotterdam, he designs interiors and buildings and develops strategies to facilitate the transition to a responsible society. He focuses on developing tools and processes and realises tangible projects that empower local exchange and production, as an alternative to transporting and wasting our resources, products and components around the globe. Key projects are Villa Welpeloo (2009), Harvestmap (2012) and Blue City (2016).



Lizanne Dirx (1986) is trained as a product designer at the Design Academy of Eindhoven (BA) and at the University of Brighton (MA). Skilled in Systems Thinking, Sustainable Design, Data Analysis and Strategy Design. She joined the Research department of Superuse Studios in 2013. Projects that she worked on include studies on the resource and waste flows of industrial areas, reuse of building materials and strategy design for circular resource hubs in urban areas. Lizanne is passionate about developing tools and training programs to educate others on circular design, systems thinking and systemic design.



Margarita Kyanidou was born in Thessaloniki and raised in Edessa. Combining her environmental protection upbringing and her passion for Architecture she strongly engages a sustainable way of thinking in design. She studied Architectural Engineering at the Democritus University of Thrace. She holds a Master's degree in Building Technology from TU Delft and she is a researcher on Circular Economy in Construction and Design for Disassembly. As a student, she attended numerous Workshops and Seminars concerning Sustainable Development in Architecture (Ecoweek, Suedesco, Promoriver, etc). As an Architect Engineer, she worked with Superuse Studios in Rotterdam and dealt with Upcycling reused train parts in the construction sector. Under cooperation with MVRDV and Superuse Studios, her Master Thesis prototype was presented and exhibited in GEVEL 2020 in Rotterdam.



MOR team was created in 2017 to represent Delft University of Technology(TU Delft) in Solar Decathlon Europe 2019 international competition and consisted of over 46 students from 8 disciplines and 20 different nationalities, all sharing a passion for sustainability. MOR's innovative and feasible solutions were awarded in 8 out of the 10 contested categories, setting a world record and bringing the team the 2nd overall prize. MOR stands for Modular Office Renovation and reflects the team's mission to transform under-performing office buildings into net-positive and flexible buildings guided by the principles of modularity and circularity. The ultimate vision of the team is to create a future-proof built environment that gives back to its surroundings more than what it takes away from it, with regards to energy, biomass, air, water, and materials.



Benjamin Gill has been working in the environmental sector for nearly 20 years, covering the fields of waste management, renewable energy and sustainable urban planning and development. He is a Chartered Environmentalist and member of the Institute of Environmental Management and Assessment. He plays a key role at Bioregional by developing the One Planet Living framework as a flexible tool that can be used to drive systemic change through an organisation and an industry. This framework has been used with some of the world's most ambitious sustainable tourism projects. These include Les Villages Nature Paris with its geothermally heated Aqualagoon and regenerative landscape, and Singita's ambitious conservation and sustainable tourism projects in east and southern Africa.



Dr. Konstantinos Giannakopoulos, Physicist (1995, A.U.Th, Greece) with a PhD (1998, University of Liverpool), is a Researcher of the Institute of Nanoscience and Nanotechnology , expert in nanostructural materials characterisation. He has worked in ST Microelectronics (Advanced R&D, Crolles, France) and since 2002 he works in NCSR Demokritos on the growth and structural characterization (Electron Microscopy) of a large variety of nanomaterials and nanostructures. He is currently the coordinator for an EU mediated project on self-cleaning mirrors for solar energy collection. The National Center for Scientific Research "Demokritos"(NCSR "D"), is the largest multidisciplinary research centre in Greece and conducts world-class basic and applied research in :

Nanoscience & Nanotechnology,
Energy & Environment, Biosciences,
Particle and Nuclear Science,
Informatics and Telecommunications.



Dr. Elias Messinas is the Founding Chairman & Coordinator of ECOWEEK, a non-profit organization with the mission to raise environmental awareness and to promote the principles of social and environmental sustainability through design. He is an architect and environmental consultant, educator and social entrepreneur, member of the American Institute of Architects, graduate of Yale School of Architecture, Environmental Design Dept. of Bezael Academy, and holds a doctorate from the National Technical University of Athens. He attended the M.Sc. program on Environment and Development at NTUA. Elias teaches sustainable design and is the author of numerous articles, two books, and the editor of several catalogues and the first upcoming ECOWEEK publication ECOWEEK The Book#1: 50 Voices for Sustainability. (link www.ecoama.com)



Despoina Kouinoglou is a landscape architect with a working experience in the U.K where she has been working in various scale rural and urban schemes and with the main focus in landscape planning and design. Prior to that, she took part in a rural architecture program in capacity building and development in Mt. Elgon in Kenya, as part of the PhD Research of Michiel Smits (T.U Delft, Avans University of Applied Sciences). During her masters degree in landscape architecture (Postgraduate Program of Studies in Landscape Architecture, AUTH (2017)), she researched the redesign and integration of the refugee camps with the local communities through design. Since 2015 Despoina has been a part of ECOWEEK as an associate.

workshop

/ˈwɜːkʃɒp/

noun

noun: workshop; plural noun: workshops

/ 1 a room or building in which goods are manufactured or repaired

/ 2 a meeting at which a group of people engage in intensive discussion and activity on a particular subject or project

verb

present a performance (of a dramatic work), using intensive group discussion and improvisation in order to explore aspects of the production prior to formal staging





W1

Value System Game: Introduction to the circular design thinking **Lizanne Dirkx / SUPERUSE STUDIOS**

During the workshop of the Value System Game, we virtually put cards on the table to visualise the processes of a fictional project. With our participants, we search for smart connections that can be made that lead to added value. We point out which processes produce waste and how they can be turned into high-quality resources. Participants find the bottlenecks of the project as well as the places where positive impact can be made.



W2

From passive to net-positive design **Aylin Ozcan, Anna Tsagkalou / MOR TEAM**

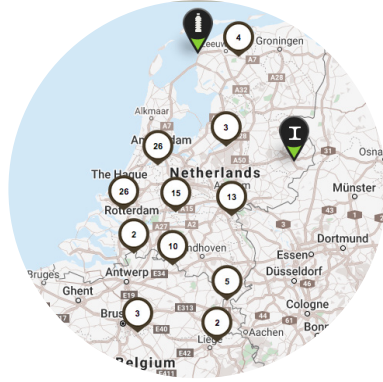
The construction sector contributes to 36% of the CO2 emissions, 40% of energy consumption while 50 of the construction waste ends up in landfills. It is evident that drastic actions need to be taken in order to transform our built environment. Aiming for passive or net-zero buildings is maybe no longer sufficient. How can we go beyond that? How can we treat buildings and neighborhoods as living organisms that can benefit and sustain each other, giving back to their environment more than they take away from it? During ECOWEEK 2009, the goal was to Design a Passive Solar house of zero emissions in Athens. This year, we would like to take a step further and explore the possibilities of turning this passive house into NET POSITIVE with regards to Energy, Water, and Materials. For each of the three, we invite you to think of ways for optimizing their continuous flow within a circular system. Take into consideration the specific location of the project and consider closing the loops as locally as possible. Start by coming up with a living scenario that will determine the needs of the house and its surroundings. Then, in the form of an infographic, start to map down the streams of energy, water, and materials and define strategies for reaching net positivity. Your strategies can be related to design but also to the user's awareness and daily habits.



W3

The building od Thermokos **Benjamin Gill / BIOREGIONAL**

The workshop initially took place during ECOWEEK's International Conference and Sustainable Design workshops in Prishtina, 2014 and it focused on the building of Thermokos, an abandoned pre-fabricated concrete building located in the outskirts of Prishtina in a developing area. The adaptation and reuse of the Thermokos building required a careful evaluation of what the neighborhood could host and what the building could offer. This workshop focuses on the influence of urban design in the lifestyle choice.



W4

Designing a Circular Pavilion: Upcycling in design using the Harvest map

Harvest map is an open-source online entrance to a huge material library. Reused products from all over the world can be registered in the map to be reused again and again. Upcycling means reusing discarded objects or materials, in such a way as to create a product of higher quality or value than the original properties. Since a project will involve materials, elements, components, and parts that have been used already and are to be used again in an application, it has differs from what they were supposed to do, their properties will need to be re-established.

The aim of this workshop is the design of a pavilion with reused materials requiring them a second life by having in mind that they have to re-enter the material library and be reused again. Inspiring from the Ecoweek workshop in Thessaloniki 2015 where a wood Pavillion based in Aristotelous square was proposed, this time the aim is to design it from reused materials. Due to the short design time, the proposals could be draft designs, sketches, and diagrams.



W5

Virtual game : Materials hunter Materials for a sustainable future Dr K. Giannakopoulos / DEMOKRITOS

“Materials Hunter”
play the role of the scientist
who is changing the world.

The player enters a world that is entering its first civilisations phase.

By developing new materials, he enables the transition to the various phases to reach a futuristic and sustainable society.
Do you feel like hunting?



W6

Virtual game : Materials hunter Materials for a sustainable future Dr Elias Messinas, Despoina Kouinoglou / ECOWEEK

The workshop will be based on four ECOWEEK workshop projects placed in various locations across the world:
‘Therapy Garden for Immigrant Women’ in Copenhagen, DK, ‘Healing gardens’ in Victor Babes Hospital Bucharest, RO, the ‘Sun Grove’ Jerusalem, IL, and two school courtyards in Agios Nikolaos, Crete GR
Regarding circular economy, the group will have the chance to explore possible ways of expanding the circle of life of previous projects and also learn about circular design strategies, ways to create open spaces that heal and educate, using appropriate plants, landscaping, and securing materials based on recycled construction materials.



07

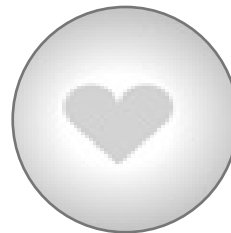
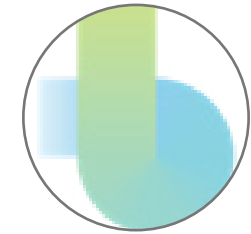
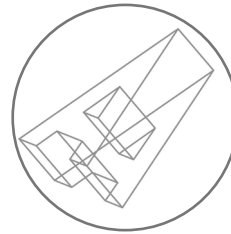
MEET
OUR
PARTNERS

UP

For the past 15 years ECOWEEK has been working together with partners, among them local authorities, universities, schools, researchers, NGOs, professionals, companies, magazines and others, in programs around the world. These partnerships are vital in making these programs possible and successful.

We would like to thank the ECOWEEK 2020 Online Challenge partners:

Archisearch, Democritos Research Centre, Materials for a Sustainable Future, Bioregional and One Planet Living and communicational partners: Greenagenda, Radio Nowhere, Polytechnika Nea, Semifind, B2Green, Kataskeues Ktiriwn.



08

MEET
THE
TEAM





Elias Messinas (IL)
Founding Chairman & Coordinator

ECOAMA & ECOWEEK (Greece) architect and environmental consultant, educator and social entrepreneur, graduate of Yale School of Architecture, Environmental Design Dept. of Bezalel Academy, and holds a doctorate from the National Technical University of Athens.

He attended the M.Sc. program on Environment and Development at NTUA.

Elias teaches sustainable design and is the author of numerous articles, two books, and the editor of several catalogues and the first upcoming ECOWEEK publication *ECOWEEK The Book#1: 50 Voices for Sustainability*. (link www.ecoama.com)



Despoina Kouinoglou (UK)
Head Organiser & Coordinator

Despoina is a landscape architect with a working experience in the U.K where she has been working in various scale rural and urban schemes and with the main focus in landscape planning and design. Prior to that, she took part in a rural architecture program in capacity building and development in Mt. Elgon in Kenya, as part of the PhD Research of Michiel Smits (T.U Delft, Avans University of Applied Sciences).

During her masters degree in landscape architecture (Postgraduate Program of Studies in Landscape Architecture, AUTh, 2017), she researched the redesign and integration of the refugee camps with the local communities through design. Since 2015 Despoina has been a part of ECOWEEK as an associate.



Margarita Kyanidou (NL)
Concept & Communication

Margarita was born in Thessaloniki and raised in Edessa. Combining her environmental protection upbringing and her passion for Architecture, she strongly engages a sustainable way of thinking in design. She studied Architectural Engineering at the Democritus University of Thrace. She holds a Master's degree in Building Technology from TU Delft and she is a researcher on Circular Economy in Construction and Design for Disassembly. As a student, she attended numerous Workshops and Seminars concerning Sustainable Development in Architecture (Ecoweek, Sudesco, Promoriver, etc). As an Architect Engineer, she worked with Superuse Studios in Rotterdam and dealt with Upcycling reused train parts in the construction sector. Under cooperation with MVRDV and Superuse Studios, her Master Thesis prototype was presented and exhibited in GEVEL 2020 in Rotterdam.



Eleni Mantika (GR)
Media & Partner Coordinator

Eleni was born in Thessaloniki and is an undergraduate student of Architecture at AUTH, Thessaloniki. Apart from her studies, she is a radio producer and a Dj in Thessaloniki. She adores to travel and never miss a chance to visit a new place, meet new people, food and cultures. She has been a part of many workshops and volunteers actions such as Open House, Enhancements, High School Engineering, European Youth Capital in 2014 etc. In 2015, she participated in an educational workshop to New York where she visited worldwide known universities and important global Architectural Offices such as COOKFOX and Thornton Tomasetti. According to her experience so far and personal sensitivity, sustainable design and eco-friendly materials are the future of architecture for the years to come.



Vicky Panagiotidou (UK)
Content & Blog Developer

Vicky started exploring the world in 1994 in Thessaloniki. As soon as she was able to walk she never stopped roaming in Thessaloniki and soon a long way away from it too. Many long stops were done in Architecture school of AUTH in order to get her diploma and currently she has stopped in UCL's Bio-integrated design Master. She loves continuous learning and volunteering for a cause, therefore she has participated in several actions and workshops, one of them being Thessaloniki's Ecoweek. She is interested in innovative and peculiar design and materials, fresh ideas about unexplored topics, and most of all she loves meeting new people and sharing ideas because that's what triggers the next step!



Sofia Passia (FR)
Website & Graphics Developer

Sofia was born and raised in Thessaloniki. She adores every inch of her city, from people to buildings. When she was younger, she used to live with her family and three sisters in Bruxelles BG for 5 years and adores speaking french. Prior to her graduation in Architecture (AUTH 2017), she also spent an erasmus semester in Lyon. Sofia lives there ever since, working in architectural firms which focus on the development of medium scale projects. Often works voluntarily and believes highly in interacting with one another.

Her moto
"together we stand/divided we fall".



Pavlos Symianakis (UK)
Head IT Support

Pavlos is an Architect Engineer, graduated from AUTH in 2019. He is currently studying at Architectural Association in London having his postgraduate under the title Architecture and Urbanism – Social Ecologies at Design Research Laboratory (AADRL). Prior his postgraduate studies, Pavlos was part of Not a Number Architects, in Thessaloniki. There, he had the opportunity to have a role in the successful development of major architectural projects of different scale around the Europe. Some works among others are, "Rue de pain" bistro in Bucharest, Open Market master planning and design of Retail pavilions in Elounda, Boutique Hotel design in Santorini, Master plan for fifteen hectare theme park near Sparta. During his undergraduate studies, Pavlos has taken part on many workshops and seminars including Ecoweek. He is interested in digital experimental design research and contemporary fabrication techniques, while strongly holds the vision of a greener and smarter future, where people and matter matters.





CONTACT

Contact us!

If you are a university, NGO, Municipality, business, a professional or a student and you are also interested in developing this new online model with ECOWEEK and/or organizing an ECOWEEK event in your city we would like to hearing from you!

If you have questions or queries about the ECOWEEK 2020 Online Challenge we will gladly share more details!

To contact us and/or to find out more about **ECOWEEK** see below:



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