

Sustainable Places 2022 Conference

POST EVENT BOOKLET

Celebrating a decade of Sustainability 2012 - 2022

ROPOLE VILLE DE NICE jae nice COTE D'AZUR



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Our Community Continues to grow

Sustainable Places 2022 in the French Riviera was something we will remember for many years to come. The hospitality of Ville De Nice, Metropole Cote D'Azur and Universite Cote D'Azur was exceptional and the opportunity to host Monaco as they initiate their participation it the European Framework Programme was truly unique. During the four-day event, we were joined by approximately 300 people on site from around the world and approximately 550 people joined online. In total, 150 European Projects came together to disseminate, cluster, conduct workshops and network with the aim of making progress toward better buildings and sustainable places. To our delegates, sponsors, suppliers and partnering organizations – we thank each one of you. Really good people working together for positive change. We must also express our gratitude to the team at R2M Solution France who worked day and night to put it all together - really well done. In this booklet, you'll find images capturing various aspects of the event program and main themes of the event. We hope it can serve as a nice memory but also as a stimulus toward building future editions. Each year we partner with a location who is a champion of sustainability, we engage local and regional organizations, we shape relevant conference themes and we connect that to the scientific community / leading European researchers who are participating in the Horizon Framework Programmes. Next year, we'll be in Madrid. We are excited and hard at work on that. Talk to us if you have ideas on how to build a better event. This edition, and all previous editions of Sustainable Places are archived online at www.sustainableplaces.eu. There, and on our YouTube channel (@sustainable-places-conference), one can find papers, presentations and online recordings of most everything that has happened at Sustainable Places across the years which is a lot. You may also be interested in our periodic newsletter, twitter feed, and linkedin profile. If you haven't discovered the event yet and everything it offers, we hope you soon do!

Thomas Messervey - CEO R2M



SUSTAINABLE PLACES JOURNEY



CONFERENCE THEMES THIS EDITION

- Sustainable Construction & Renovation
- Smart Cities, Smart Grids and Urban Transition
- Digitalization, Smartness & Artificial Intelligence
- Facilitating the energy transition: Policy, Finance and Training

- Sustainable Urban Renewal & Cultural Transformation
- Renewable Energy Technologies
- Decarbonization & Circularity
- Resilience and Energy Security

SUSTAINABLE COMMITMENT

Sustainable Places 2022 made a deliberate selection of its providers based on their commitment to sustainability :

Local and sustainable items in the conference bag

(e.g. conference notebook made of recycled paper and Recycled Polyethylene Terephthalate cover; local and organic gift from Organic Gourmet, etc.)

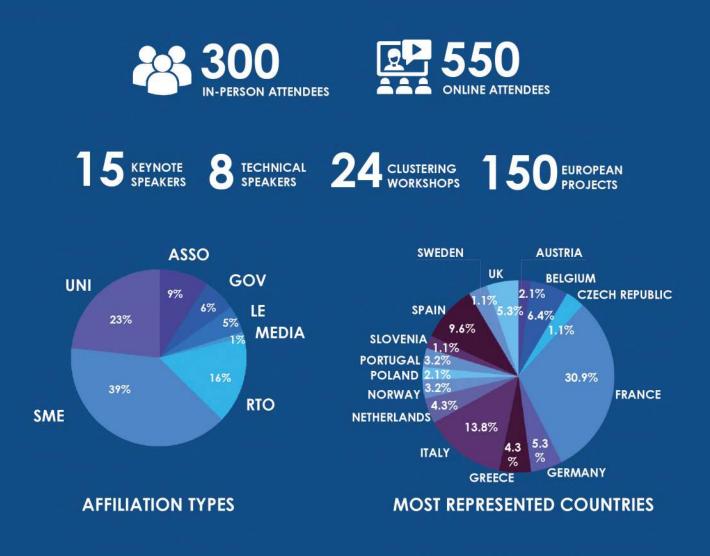
Negotiated conference delegate rate with a CSR-committed hotel (OKKO):

'BREEAM very good' certified hotel; easy access by public transport; limited single-use room products; organic or local products at breakfast.

Zero-waste catering for lunches and coffee breaks:

Partnership with Marianne Meschi - À-TE-LIER, a committed caterer working with local and mainly organic (75%+) products. A collaborative effort since conference participants contributed to sort their jars and cutlery.

IN NUMBERS



Testimonials

SUSTAINABLE PLACES 2022

"Good examples of deep renovation across europe at SP2022. Great talks on needed actions. We need those examples to be kind of a standard when refurbishing our European building stock."

André Müller - (Germany) Institute for Housing and Environment -Research institution of the State of Hesse and the City of Darmstadt

A great selection of informative, entertaining and thought-provoking sessions, headlined by some of the greatest minds in sustainability. It was fantastic to be able to share my research with industry and academic experts across disciplines – the SP team did really well to organise everything flawlessly. I'm definitely looking forward to next year!"

Iman Hussain - (UK) National Air Quality Testing Services and Centre for Global Eco-Innovation "Sustainable Places has been a tremendous opportunity to share ideas with a community of Innovators and to explore how some of the most pioneering teams in the world are shaping how we think about buildings and the built environment."

Andrea Perego - (Italy) One Team S.r.I.

"In addition to the synergetic added value of taking part of the Sustainable Places, the event and it's organizing team has supported throughout the years the possibility for the Next Gen EPC cluster to concretely apply its mantra of going farther together as opposed to fast alone."

Andrei Litiu - (Belgium) REHVA - Federation of European Heating, Ventilation and Air Conditioning Associations "The meetings gave me a deep insight into the projects and progress of the EU-funded research projects dealing with the building sector and how they try to tackle the sustainability issue. These insights were a very valuable and experiential time for our work in the BIMprove research project, but also for me personally."

Yusuf Yilmaz - (Germany) DIN Deutsches Institut für Normung E.V. - Research and Transfer Group

"My own team has been positively surprised by the Sustainable Places audience and we expect to become regulars with our other projects as well :)"

Alexander Deliyannis- (Greece) SYMPRAXIS Team



Testimonials

SUSTAINABLE PLACES 2022

"The discussions were interesting and constructive"

Laure Michaud- (France) University of Reims Champagne-Ardenne

"I was happy to participate in the interesting 'AI & Digitalization' paper session and enjoyed the SP2022 Conference"

"As every year, an important event to learn about ongoing research projects on sustainability issues in Europe" "Attending SP22 has been a fantastic opportunity to learn and to meet other people interesting in the same areas that i am currently focusing my work on. Also seen all the projects advances and objectives presented has been very inspiring and rewarding. Plenty of food for thought. Great people great work."

> Fausto Sainz - (Spain) Comet Global Innovation

"Indeed a very nice event, with a warm atmosphere and lot of opportunities to discuss and network with highly interesting people and projects. I can recommend the next opportunity to everyone! Thank you! " "I was glad to take part in the "Energy communities" paper session as it was a great opportunity to share with other sister projects the lessons learnt and challenges faced for the implementation of different community engagement strategies and tools. Thank you to the organisers to have enabled this knowledge sharing space."

Gemira Martinez - (France) Enedis

"As every year, an important event to learn about ongoing research projects on sustainability issues in Europe"

Ugo Stecchi - (Spain) ETRA GROUP Mia Ala-Juusela- (Finland) VTT Technical Research Centre Philippe Hamman - (France) University of Strasbourg







Energy Optimi Solutions for SPONSORS uildings as the Indust

Karin Novotny









IS 2022

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SUSTAINABLE PLACES 2022

The Chamber of Commerce and Industry of Nice Côte d'Azur



BRAINBOXA

ESCALIER 🗵 🖌







PARTICIPATING PROJECTS



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OPENING INNOVATE WITH FRANCE





OPENING INNOVATE WITH MONACO







2 Plenaries

- Plenary Opening: "Innovate with France and Infoday"
- Plenary Session: "Innovate with Monaco"

24 Workshops

- "Renewable Heating and Cooling for Buildings and Industry Workshop 3rd Edition"
- "BIM-SPEED Final Project Insights"
- "Al and Ethics in manufacturing: how Al can be accepted by humans in manufacturing"
- "Smart Meter Rollup: Learnings from across the EU"
- "Digitalization of the Building Sector: A Key Enabler for the Renovation Wave"
- "Integrating tried-and-tested solutions for deep renovation of the EU building stock"
- "Ontologies in Digital Twin: Methodology, lessons learned and practical approach"
- "EU Construction Open Innovation Test Beds as drivers for SME product development"
- "Measuring Building Performance and Operational Rating"
- "Innovations for upgrading smartness of buildings"
- "Simulation for real-time/AI enabled by Building Digital Twin Environments"
- "Energy citizenship: Must or myth? The impact of citizen participation on local energy systems"
- "Off-site 'Plug-and-Play' prefabricated opaque and transparent multifunctional envelop systems"
- "Fostering user engagement for innovative demand response for effective flexibility"
- "Service integration, financing and smart contracting in the energy transition mechanisms"
- "Privacy Metrics Tool for Building Digital Twins Trustworthiness"
- "Bridging the Gap Offering innovative Education for Experts in Cultural Heritage of the European Union"
- "People and technologies for the future of energy: Approaching Citizen Energy Communities"
- "Low-TRL Renewable Technologies 2nd Edition"
- "Tools and Technologies for Hybrid Thermal and Electric Grids towards Sector Coupling"
- "Innovative Solutions Supporting Cities' Transition"
- "Sustainable Energy Skills in the Construction Sector Workshop 3rd Edition"
- "Innovative financing for energy efficiency investments"
- "European Actions towards Geographical Islands Decarbonization"

8 Paper Sessions

- "Al and Digitalization"
- "Energy Communities"
- "Grids & Demand Response"
- "Renewable Energy Technologies"
- "Smart Buildings"
- "Sustainable Construction"
- "Urban Transformation"
- "User Engagement"





NETWORKING AND OTHER ACTIVITIES

COFFEE BREAKS & LUNCHES AT LA VELA







We would like to extend a special thank you to our two food and beverage suppliers, LA VELA and Marianne Meschi, for looking after our participants and offering a sustainable gastronomic experience for the lunch and coffee break. By offering a variety of dietary choices, the expectations of the participants can be met. And we take pride in the fact that one of our suppliers, Marianne Meschi, possesses both the Commercial Catering label for organic agriculture and the eco-responsible credentials.







NETWORKING AND OTHER ACTIVITIES







COLLINE DU CHÂTEAU WALK

During the walking tour of Nice, the SP2022 delegation was guided through the old town and informed about some of the interesting sites along the way. One of the sites was the 'royal square' of the city ("Place Garibaldi"), built starting in 1773 and given its name in 1870 in honor of Giuseppe Garibaldi, a politician born in Nice and the subject of a large statue in the oldest square which was erected in 1891. Another sight along the guided walking tour was the Port Lympia which is one of the key infrastructural hubs of the entire French Riviera. It is surrounded by Venetian-colored buildings, scenic harbor docks, boats which sail across the Mediterranean Sea, and a beautiful lighthouse. The tour culminated at the Castle of Nice ("Colline du Château") for a quintessential photo overlooking the entire city. It was a pleasure to utilize this networking opportunity by walking together and learning about the home of SP2022!



NETWORKING AND OTHER ACTIVITIES

LE NEGRESCO SOCIAL DINNER





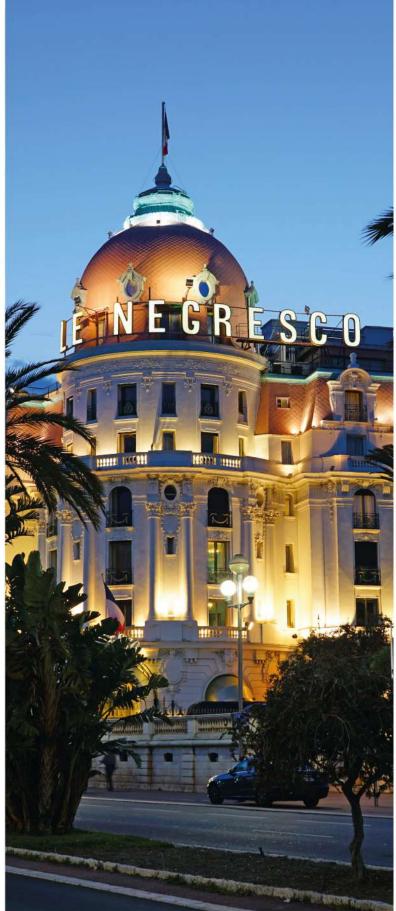








The SP2022 social dinner provided the unique occasion to celebrate not only 10 years of the conference, but also 10 years since the inception of R2M Solution. We filled the room with riveting conversation, delicious food, local wines, and two celebratory cakes to mark the landmark milestones. The Negresco venue has been a picturesque monument of the French Riviera for over a century, owing its well-earned reputation to the hotel's notable collection of artwork and period furniture with over 6,000 references. From salons dedicated to Louis XVI or Napoleon III to Venetian "Street Art" rooms, the SP2022 delegation discovered a unique selection of French artwork from the 17th century to present day. The hotel has obtained the European Eco-label, "Living Heritage Company" certification, and is also recognised as a part of UNESCO "Nice Patrimoine Mondial". This networking opportunity enabled the creation of new friends and the strengthening of existing relationships, and it was certainly a night to remember!



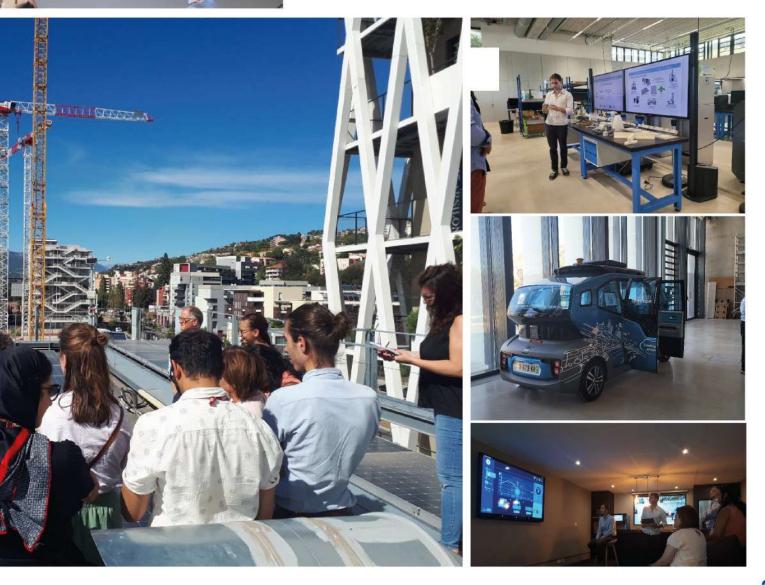
NETWORKING AND OTHER ACTIVITIES







During the IMREDD visit, the SP2022 delegation was guided through the Smart City Innovation Centre (SCIC) and informed about the technological platform that allows for the materialisation, on an industrial scale, different key concepts and technologies for the Institute's Strategic Activity Areas. One of the areas was the showroom which is a place to materialise and visualise in real time all the data stored in the Data Centre of the city and the management of the city which can result from it. The objective of this space is to highlight projects in the strategic areas of activity of the Smart City and to promote the skills of the University with its partners. Another area along this guided tour was the Maker Space, which opens the possibility of carrying out tests, developing prototypes, serving as a living-lab, and even used in an operational capacity. The Maker Space is divided into several zones with materials contributing to developments and experiments.



SUSTAINABLE PLACES 2022



SPECIAL PARTICIPATION - Agnes Rampal

Deputy Mayor of Métropole Nice Côte d'Azur.

Bio: Agnès Rampal, (born Lebon), was born on August 22, 1955 in Algiers. Her family left Algeria for Metropolitan France in May 1962. Married to Professor Rampal, she worked throughout her professional career as a hospital anatomopathologist at the University Hospital of Nice. Agnès Rampal is an elected official of the City of Nice and Deputy Mayor. She was first elected in 2001, as part of the introduction of parity. Here are her successive mandates: First, she was Deputy Mayor for Higher Education and Research, in charge of University projects, notably of the construction of phases 2 and 3 of the Saint Jean d'Angely campus, the Archimede research building at the : University Hospital of Nice (more precisely at L'Archet), the start and continuation of the "Maison de l'Etudiant" project, the improvement of student life with the Welcome Day in connection with the Federation of student associations.

- then Deputy for Repatriates, since 2008 at the request of Christian Estrosi, as well as for Education and Youth (launch of the consultation on school rhythms and the dematerialization of registrations leisure centers in particular). In this capacity, Agnès Rampal initiated with the Mayor of Nice the "Maison "communale des associations de rapatriés", as well as the annual festival entitled "Au soleil des deux rives". She was entrusted with the organization of the fiftieth anniversary of the repatriation, including a series of conferences on the history of Algeria with Georges-Marc Benamou, gathered in a publication, as well as the management of the establishment of a commemorative work entitled "La déchirure" on the Promenade des Anglais, facing the sea).

Her delegations of Deputy Mayor for the "Centre Universitaire Méditerranéen" and the Euro Med are completed by a Vice Presidency of the Metropolis Nice Côte d'Azur. This additional delegation is fully justified: as a child from both shores of the Mediterranean who kept contacts with Algerians close to her family for sixty years, Agnès Rampal has the deep conviction that beyond the painful events that have always marked the history of the Mediterranean, all the countries around Mare Nostrum form together a wide family.

Because this family has a common culture: cuisine (the famous Cretan diet), common historical roots (Greek, Latin, Arab-Andalusian civilizations), a way of life with similarities. Today, this family must meet the major challenge of the environment because global warming is faster and stronger here than in the rest of the world. Pollution in the Mediterranean has reached a critical threshold and we must, TOGETHER, co-construct our common future.

Therefore, as in a family that has its moments of tension, Agnès Rampal believes that we must find ourselves on what brings us together to face the future. Because she was born on the south shore and lives on the north shore, she is convinced that this is possible. The tenth edition of the "Au soleil des deux rives" event is part of this desire to live these shared traditions. This conviviality, this mutual respect is the cement of a society that will last if it reinvents itself today.





Nadine Tournois - Professor, Dean of the IAE Nice Graduate School of Business and Vice-President for continuing education, University Côte d'Azur

Teaser: Welcoming words: international collaboration at University Côte d'Azur

Bio: Nadine Tournois is Professor at the University Côte d'Azur in France, specialized in services marketing and cross-cultural management. She is the former vice-chancellor of the Academy of Nice, the Vice-President of the University Côte d'Azur for continuing education, and the Dean of the IAE Nice Graduate School of Business where she has developed a sustainable development strategy, leading the school to various labels such as Fair-Trade School, Global Compact level2, BGA silver member... She served as the chair in several international conferences and has developed many international collaborations with universities from all over the world, where she teaches and gives conferences. Before becoming a Professor, she has been working at Texas-Instruments and IBM and as consultant for French and international banks. She is Chevalier of the Order of the Legion of Honour, and is involved in humanitarian activities.



Jean-Pierre Blanc - CEO of Malongo

Teaser: Testimony from a local industrial player with international outreach: Malongo

Bio: Jean-Pierre Blanc joined the local coffee roaster MALONGO in 1975. He took the lead of the company 5 years later. 38 years in the business, during which he worked to give the brand a national reach by developing an organic line, creating the first coffee pad made with natural paper and relying on fair trade. Jean-Pierre Blanc is the initiator, in the 90's, of fair trade products in the supermarket sector.



Ludovic Asso- Head of Industry & Energy, Chamber of Commerce and Industry Nice Côte d'Azur

Teaser: How the business ecosystem can support a territory's energy transition.

Bio: In this capacity, Ludovic leads the, Club Energie Côte d'Azur which brings together more than a hundred Côte d'Azur energy players (major groups, SMEs, very small businesses, local authorities, institutions, etc.) with the aim of promoting the energy transition and encouraging people to take action on a large scale.Expert in environmental, circular economy and CSR issues, Ludovic previously worked in the management of a fine chemicals industrial site.



Thibault Roy - Policy Officer, Directorate-General for Energy, European Commission

Teaser: Buildings: A key component to achieving a climate-neutral Europe.

Bio: Thibault is a Policy officer at the European Commission, Directorate-General for Energy, working on policies for the energy efficiency of buildings. He was previously a case handler on State aid files and has also worked in an environmental services company and in academia.





Margot Pinault- Policy Officer, Directorate-General for Energy, Energy Efficiency Unit, European Commission

Teaser: Policy background on the proposed revision of the Energy Efficiency Directive (EED).

Bio: Margot is the Team Leader of the Policy Development and Strategy team, responsible for the revision and further development of the Energy Efficiency Directive. Margot has also an extensive 7-year experience in the EU funding programs: in her previous position she was responsible for planning, coordination and development of the funding schemes for energy efficiency, specifically under the LIFE and Horizon Europe programs. Before joining the European Commission 10 years ago, Margot worked in the private sector, in the field of smart homes, home automation and buildings energy management systems. As for her educational background, Margot has a Masters in Economics and a Masters in European and International Business Law.



Dr. Emmanuel de Lanversin- Deputy Director for Housing, Urban Development and Landscape

Teaser: Building in France : A revolution ?

Bio: Emmanuel de Lanversin, Engineer and Architect, is Deputy Director at the Directorate for Housing, Urban Development and Landscape of the French government. Amassing 30-years of professional experience in the construction industry as well as in urban planning and transportation. He puts his energy into the design and efficiency of cities so they can fulfill their purpose as places to meet and interact.



Raphaël Rinaldi- Europe & International Director at Capenergies

Teaser: Advancing the transition to net zero.

Bio: Raphaël Rinaldi is Europe and International Director at Capenergies' competitiveness Cluster, specialized in smart energy systems. Before joining Capenergies, Raphael was head of EU and transnational subsidized programs for ENEL in Italy, with more than 10 years of experience in the energy sector.



Stavros Stamatoukos- Project Manager, Horizon Europe Energy, CINEA, European Commission

Teaser: Funding Opportunities in Horizon Europe Energy.

Bio: Stavros is a Project Manager at the Horizon Europe Energy Unit of CINEA. Stavros has 5-years of experience managing EU funding programs mostly on Energy Efficiency and Digitalisation. Prior to joining the Agencies, Stavros worked for 15 years in the area of smart buildings and building management systems. Stavros is an Electrical & Computer Engineer and has a Masters in Energy and Environmental Management.





Enrico Mazzon- Senior European project manager at Capenergies – Cluster and a National Contact Point (NCP)

Teaser: Horizon Europe current funding opportunities for smart, sustainable and energy-efficient buildings.

Bio: Enrico Mazzon is a senior European project manager at Capenergies – Cluster and a National Contact Point (NCP) for Climate and Energy issues in Horizon Europe at the French Ministry of Higher Education and Research. He has covered the role of NCP for the EU R&I Framework Programme in two countries (France and Italy) for the last 9 years and spent 6 years in Brussels working as a EU Affairs advisor for the Italian Agency for the Promotion of European Research and Vattenfall group.



Pierre-Antoine Vernon- Project Advisor, European Climate, Infrastructure and Environment Executive Agency (CINEA) - to be confirmed

Teaser: LIFE current funding opportunities for clean energy transition and climate adaptation.

Bio: Pierre-Antoine Vernon is responsible for Energy Efficiency projects on smart buildings at the European Climate, Infrastructure and Environment Executive Agency (CINEA), where he works as Project Advisor. He joined the Agency in 2015 after four years as Policy Officer in the field of energy at the European Commission DG Research and Innovation. Pierre-Antoine holds a Master in European Studies from the College of Europe and a Master in Political Science from SciencesPo, Paris.

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SPECIAL PARTICIPATION - Olivier Wenden

Vice-President and CEO, Prince Albert II of Monaco Foundation

Teaser: Through the initiatives of his Foundation, HSH Prince Albert II of Monaco is carrying out philanthropic actions to protect and progress planetary health. This keynote will highlight the Foundation's approach to the protection of the environment and the promotion of sustainable development at local and global levels, bringing together scientists, decision makers, business leaders and civil society stakeholders. The Foundation's long-term action has led to some encouraging victories, whether in safeguarding endangered species or improving living conditions in rural communities by implementing new sustainable and ethical solutions.

Bio: Launched in 2006 by HSH the Prince of Monaco, the Foundation focuses its action on issues related to climate change, biodiversity and water resources at local and global levels. Appointed Vice-President & CEO of the Foundation in 2019, Wenden has previously served as Executive Director for 5 years. Wenden has actively participated in the international development of the Foundation, reshaping the fundraising strategy and enlarging the network of partners from the private sector around science-based programmes. Before joining the Foundation, Wenden worked for the Parliament of Monaco as Chief of Staff and international affairs advisor. He also served as Chargé de Mission for the Minister of Foreign Affairs and Cooperation of Monaco. Wenden graduated from Sciences Po Bordeaux and from the University of Sorbonne Nouvelle (Master in International Project Management).

SUSTAINABLE PLACES 2022



Pascal Torres- CEO of Enoleo

Teaser: Pascal is CEO of Enoleo, a company based in Monaco specialized in the implementation of Hypervision hardware and software solutions applicable to both new and existing buildings, as well as industrial processes. Over the past years, Pascal has gained unrivalled experience in solutions for optimising air conditioning, heating, ventilation, and lighting for a wide variety of client segments (Pharmaceutics, Cosmetics, Electronics, aerospace, aromatics, plastics processing...).



Frederic Dalmasie - CEO of Agricorp

Teaser: The agro-industry, a driver of sustainable development

Bio: Currently heading Agricorp SAM, a Monegasque group with agricultural and industrial activities across Europe, Africa and the Indian Ocean, Frédéric Dalmasie also has extensive experience in finance, advisory and management accumulated in HSBC, Deloitte and Del Monte. After leading the successful issuance of the first Corporate Sustainability Bond in the African Region, his group is now focusing on the development of sustainable agricultural value chains, with an emphasis on local production and transformation, implementation of agricultural practices respectful to the environment and creation of positive socio-economic impact.



Sam Ramadori- CEO of Brainbox AI

Teaser: How AI is being used to make buildings smarter and greener in over 70 cities worldwide. **Bio:** recognized private equity Expert and Senior executive with significant experience in identifying investment opportunities and supporting management teams in developing and executing growth-oriented business plans. Sam joined the BrainBox AI team in the spring of 2019 and oversees the execution of the company's growth-oriented business plan as well as investor relations. Brainbox AI is a global leader in using AI to create value for all building users, owners and utilities across the world.



Valeria Ferrando- Associate Director - ICL at IES Ltd.

Teaser: How digital twin technologies are being used as a tool to develop urban-scale decarbonisation roadmaps

Bio: Associate Director, head of ICL consultancy at IES. Over the last 25 years, IES has built a solid reputation as the leading global innovator in integrated performance based analysis, and is now home to the largest building analytics team in the world. Bridging the gap between the real world and simulation, the ICL Digital Twin enables the energy efficient design and continuous operational optimisation of not just single but entire groups of buildings.

SUSTAINABLE PLACES 2022



Emmanuel Francois- Smart Buildings Alliance for Smart Cities, President of MAJ, Vice Chairman and Sales Manager of EnOcean GmbH

Teaser: As digital is at the heart of all transitions, Emmanuel FRANCOIS, Chairman of the MAJ fund and former founding Chairman of the Smart Buildings Alliance, draws our attention to the importance of data governance to meet the major current challenges of society. At the very heart of the governance of our society, he believes that the subject of data governance must be a necessary prerequisite for any policy aimed at responding to these many challenges, in particular in order to gain the trust of all stakeholders starting with the citizens. This speech will be delivered as part of the "Smart Buildings" workshop scheduled on the 8th September.

Bio: At 61, for Emmanuel FRANCOIS, the Smart Building and more broadly the smart city has always been at the center of his professional activity. To this end, in 2012 he founded the Smart Buildings Alliance for Smart Cities (SBA) which he chaired until July 2022 with a view to forming a virtuous ecosystem around the challenges of the environmental transition of buildings and cities while relying on digital tools. In 2019, he also founded the MAJ fund, with objective to encourage experimentation around a vision to open a new path, a new social project to meet the major current challenges of society by repositioning the Human at the heart of transitions and relying on digital and new technologies for more frugal and united buildings and cities. He is also Chairman of the Product Council "Technology & Real Estate" of ULI France, and manages Western Europe for EnOcean GmbH, which carries a key technology for the IoT because it is wireless and battery-free, allowing buildings to be instrumented in a non-intrusive and completely sustainable way.



Elodie Bondi - General Director

Qualisteo is an innovative company specializing in monitoring the electrical consumption of industrial sites. Qualisteo offers a unique non-intrusive measurement system that allows to measure the electrical consumption of the site, and a data processing software that allows to identify the consumption uses. Thanks to this innovative system, we can offer our clients a real-time mapping of their consumption by zone/use. Our team of energy managers allows our customers to implement energy savings based on "free savings without investment". With Qualisteo, consumption is mapped at +90% per zone/use, and consumption is reduced by -10%/15%.



William Borderie - Sales Director

Solarcloth designs and produces flexible, light, and , foldable, rollable, quality photovoltaic textile, in France. Our mission: to provide clean energy, everywhere and for everyone. Our goal is to participate in the energy transition at the local level. We want to work towards the renewable energy autonomy of units not connected to the grid. Our team has developed a unique technological expertise in the field of thin film integration under vacuum, using an ecological process of thermo-fusion without solvents, to realize light, very resistant and "non-deformable" racing sails. This exclusive know-how has allowed us to integrate these layers reinforced with technological fibers, flexible, rollable and very thin photovoltaic films (25 to 65 microns), to laminated or woven textiles. A new solar fabric was born, providing a sustainable energy that contributes to zero dependency applicable to many sectors of activity. With a unique DNA, combining high technology and renewable energy, our team is open to all new applications and innovations, consistent with our expertise, green energy and the environment.

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Muriel Etievant- Marketing Manager

Oghji, the first digital, connected and eco-responsible electrical panel. Every home, company, factory, public building in the world is equipped with an electrical safety panel whose operation no longer meets current energy control requirements. Individuals and companies need to increase their capacity while keeping their bills under control. Energy suppliers, for their part, must deal with a reduction in electricity production and increasingly unpredictable weather. It is in this context that six partners, passionate about new technologies and home automation, with the ambition of contributing to the preservation of our environment and our natural resources, had the idea of creating Oghji. "Our ambition is to develop a new generation of electrical protection switchboards that will revolutionize the use of electricity by providing flexibility, comfort and savings."



Filip Gluszak- CEO

- The Oghji team

GridPocket participates in the "smart grid" revolution and specializes in the development of innovative value-added energy services for energy suppliers. With more than 10 years of experience, GridPocket offers "white label" Customer Experience Platforms that create added-value from smart meter's data. Whether it is gas, electricity or water, our platforms help people to better understand their consumption. GridPocket's mission is to make consumers actors of their own consumption. Their solutions allows companies to better know their clients to create long-lasting engagement. GridPocket's solutions covers churn management, smart homes, electric vehicles, artificial intelligence and behavioural customer analysis.



Patrick Hurpin - CEO

MACAUTO is an innovative European company proposing an urban infrastructure system for shared transport and energy management, reproducible components of the MACAUTO project. The "Hives" are integrated as structuring elements of a proximity service in the design of the new districts of tomorrow's sustainable cities, Smart Cities. A MACAUTO Hive saves 10,750 m² of parking space.



Olivier Bechu - CEO & Co-Founder

SUN and GO, a player in the energy transition, offers photovoltaic solutions to companies and local authorities in the South of France, for the production of renewable and local energy for buildings and the recharging of electric and hybrid vehicle fleets. SUN and GO has chosen to combine solar energy production to ensure the electric mobility of vehicle fleets and the energy consumption of buildings in order to propose a global offer to communities and companies in the South-East of France. It is to combine a solution of ecomobility in self-production and a self-consumption of the energy of the building, making it possible to drive with solar energy and to consume its local energy. We allow you to produce local and renewable electricity on your parking lot and/or your roof thanks to photovoltaic, to supply your electric vehicles as well as the internal network of the company when the batteries are full or the vehicles are absent.

SUSTAINABLE PLACES 2022



Cindy Umaña-Lopez - Project Manager

WIT is a French industrial company that develops technological solutions for: controlling, securing and operating all types of technical installations remotely. With more than 35 years of experience, innovation and technological mastery, WIT solutions guarantee

- Optimization of energy resources
- Safety of goods and people
- Continuity of services
- Control of environmental risks
- Performance management
- Open and secure environment
- Development of new uses and services

Discover our solutions :

- Smart Building for connected buildings serving their users
- Smart Water for a controlled and efficient water cycle

WIT solutions bring your facilities into a new era, more efficient and collaborative than ever.

- Data acquisition to give you a global vision.
- Analysis of your facility's operation in real or delayed time to make appropriate decisions.

- "Business" actions implementing automatisms to control equipment and make them interact with each other

- Anticipation with predictive functionalities to improve productivity, responsiveness, generate savings and avoid technical malfunctions.

- Raising awareness and involving occupants in changing their behavior.

Whether you are a Design Office, an Operator, an Installer, an Integrator, an Industrial, or a Community, our team of enthusiasts will be able to analyze and understand your needs and bring you the best technological and financial solution!



Valda Stanley - Product Manager

Eco CO2 is positioned on the environment and sustainable development market. Eco CO2 designs, develops and distributes simple and economical solutions allowing companies, terrorist communities or any individual to control their energy consumption, their carbon footprint and their environmental impact.



PLACES 2023

Sustainable Places 2023 is coming to Madrid, Spain !

We look forward to welcoming you next year in the wonderful sustainable city of Madrid.





R2M Solution, Research to Market Solution – European innovation accelerator.

Each year, Sustainable Places is organized by R2M Solution and features topics that are shaping how we think about buildings and the built environment. Across all editions, Sustainable Places is open to all topics related to building sustainability and most often reflects priorities in the European Commission Societal Challenges and the United Nations Sustainable Development Goals.

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