



WORLD SUSTAINABLE ENERGY INSTITUTE

INTEGRATIVE SUSTAINABLE CITY SOLUTIONS
Sustainable Mobility, Environment, Energy & Community
www.wsein.org | www.world-sustainable-energy.com

WORLD SUSTAINABLE ENERGY INSTITUTE

ABOUT WSEIN

World Sustainable Energy Institute (WSEIN) is an international institution located in Vienna, Austria. WSEIN promotes and encourages sustainability and has its focus on the development of solutions for current global environmental challenges. WSEIN worldwide cooperates with universities, cities, municipalities and authorities which are interested in sustainable development and sustainable solutions. The institute supports the change in the city and community in the areas of

- Sustainable Energy
- Sustainable Mobility
- Sustainable Environment
- Sustainable Community

World Sustainable Energy Institute supports sustainability projects by offering trainings, workshops, onsite and web-based webinars.

WSEIN co-operates with companies, organisations, educational institutions and entrepreneurs in the areas of renewable energy as well as environmental technologies and brings decisions makers, academic leaders and entrepreneurs together to encourage

Integrated Solutions for Sustainable Cities.



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**WSEIN is a think tank organisation based in Vienna.
We are working towards Sustainable Solutions for Cities around the globe.**



VISION

When establishing the **World Sustainable Energy Institute (WSEIN)** my intention was and still is to deal with Sustainable Energy and Environmental Technology transfer between developed and developing countries. WSEIN sees itself as a bridge between West and East, supports organisations, institutions and companies all over the world in the area of Renewable Energy, Environmental Technologies, Mobility and Community.

- Intercultural communication at a professional level including appropriate and respectful collaboration with project partners
- Development and implementation of research projects in cooperation with universities and other research institutes
- Acquisition of potential clients for better product and service placement as well as partners to deploy corporate projects

WSEIN started in Vienna – a city with high level of awareness about environment and sustainability!

As an expert in the fields of Integrative Traffic Planning, Green Buildings, Intelligent City Concepts, Sustainable Municipality Management, Waste Management and Efficient Energy Solution, I want to see our future generation growing up in Sustainable Cities with high living standard, modern conveniences and healthy environment. Vienna could work here as a role model.

Gökhan Yildirim, MSc
President of WSEIN

REVIESTA CONSULTING GROUP is the official partner of the World Sustainable Energy Institute!



“My vision is to see our future generation growing up in Sustainable Cities like Vienna.”
Gökhan Yildirim

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SUSTAINABLE MOBILITY

It is obvious that transportation and traffic with its energy consumption and emission have a negative effect on environment. Traffic plays a key role in air pollution and global warming.

WSEIN's aim is to develop traffic planning systems that meet the needs of community and at the same time sustain Earth's ecosystem. This matter starts with Sustainable Cities.

WSEIN collaborates with more than 70 countries and including municipalities, decision makers, companies, organisations and institutions.

“Traffic requires 50% of the total energy consumption in the city.”



WSEIN works on

- Traffic Planning
- Consulting for Municipalities
- Transport Solutions
- Sustainable Infrastructure
- City Planning

SUSTAINABLE ENVIRONMENT

According the World Health Organization in 1960 34% of population was living in the cities; today in 2014 it is accounted for 54%. This shows that cities are key for sustainable development.

Growing population as well as growing economical standards generate growing production and increasing consumption of energy and material. On the one hand the accelerated resource consumption in recent decades had induced economic growth and raised living standard in industrial countries. But on the other hand it reduced natural resources, like forests, clean water and air and biological diversity of the planet. Additionally every product will return as or cause WASTE.

Up to special limit earth is able to regenerate itself through waste absorption by land, water, and protection from harmful ultraviolet radiation (by the stratospheric ozone layer). But nowadays waste already exceeds these limits and causes damages of Earth's ecosystem.

WSEIN works on

- Environmental Policies
- Consulting for Municipalities
- District Heating and Cooling
- Industrial Clean Production
- Sustainable Building
- Waste Management



“If developing countries learn how to use energy more efficiently they could reach economic development without the same peak levels in energy consumption, as required by developed countries. (Source: UN-Publications, 2008)”

SERVICES

SUSTAINABLE ENERGY

Today a world without energy is not imaginable. Depletion of resources and constant increase of energy demand have an huge impact on climate change and ecological disasters of our planet.

Growing world population as well as technical progress creates a growing energy demand. Referring to EU Energy Policy department by the year of 2050, the worldwide energy demand is projected by World Energy Council to be at least double its present level.

In addition to primary energy resources the secondary energy resources like Renewable Energy, Wind, Sun, Photovoltaic, Waste to Energy, Biogas, Biomass etc. already become more and more relevant. Further beside the energy production, topics like energy efficiency and intelligent usage of energy are key for sustainability considerations.

WSEIN works on

- Renewable Energy Mix
- Energy Efficiency
- Energy Demand for Mobility
- Energy Production for Industry
- Energy for Cities
- Energy Demand for Buildings

“Sustainability starts with the cities.”



SUSTAINABLE COMMUNITY

Sustainable Community will not work without participation of all human beings. This includes, that the ecosystem with its principles and its interdependencies needs to be understood by the Community. If all act in sustainable manner, then this leads to Sustainable Cities. Otherwise, sustainable concepts and action plans, such as mobility concepts, principles of energy and environment required, capacity of the earth's waste absorption ability, etc. tend with a high risk to fail.

WSEIN supports the commitment to the Community on sustainable concepts and action plans, starting from youth and students, decision makers, companies and universities. We build up bridges in order to foster communication between and understanding of different disciplines with the focus on sustainability.



WSEIN works on

- Sustainable Health
- Sustainable Food
- Sustainable Youth & Children
- Energy for People
- Sustainable Politics

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ABOUT WSEF – WORLD SUSTAINABLE ENERGY FORUM



WSEIN annually organizes the WORLD SUSTAINABLE ENERGY FORUM (WSEF) to welcome experts of companies and organisations from the international energy and environmental sectors that focus in their work on international energy, environment and sustainability solutions.

WSEIN invites academic and university institutes, companies and individuals to present their research work, pioneering innovations or ground-breaking publications on smart solutions leading to sustainability in the fields of Sustainable Mobility, Environment, Energy and Community.



ABOUT WSEC – WORLD SUSTAINABLE ENERGY CONFERENCE



**The World Sustainable Energy Institute
brings together Academy, Ethics and Trade.**

The greenhouse gas emissions from the conventional energy sources are known to be the main reason for the global warming which started changing the climates posing a serious threat to our planet. It has become crucial to find new ways of utilizing energy in order to minimize the emission of greenhouse gases into the atmosphere. It is essential to explore and introduce innovative approaches leading to a sustainable way of living with viable energy solutions.

Academic papers on sustainable energy topics will be considered for the **INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY** which will be held as a part of the World Sustainable Energy Forum. Proposals for organizing special sessions are also welcome.



ABOUT WSEE – WORLD SUSTAINABLE ENERGY ENTREPRENEURS

WORLD SUSTAINABLE ENERGY ENTREPRENEURS (WSEE) is a platform for companies to inform, promote and sell services and products.

WSEE promotes and encourages companies in the name of sustainability. WSEE supports entrepreneurship in the fields of Energy, Mobility, Environment and commitment to the Community.

WSEE supports as well technologies for developing new systems to prevent the resources of our nature.



ABOUT WSEA – WORLD SUSTAINABLE ENERGY AWARD

WORLD SUSTAINABLE ENERGY AWARD (WSEA) is granted for fundamental research, pioneering innovations or groundbreaking publications, which should meet the criteria of procuring insight, future-orientation and sustainability.

We invite academic and university institutes, companies and individuals who focus in their work on smart solutions leading to sustainability in the fields of Energy, Mobility, Environment and Community.

Within the framework of World Sustainable Energy Forum (WSEF) the best project from all participating countries will be awarded.



Winner of WSEA 2013

Mrs Corinne Ajinca, France
Sustainable Food





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