CITIES OF THE FUTURE
ISTANBUL 2016

COBASE
Basic Technical Scientific Association

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Description of the Organization

COBASE Basic Technical Scientific Association is a research and planning organization which was constituted by a team of researchers and professionals. Since 2003 COBASE, has been granted the special consultative status with the UN Economic and Social Council (ECOSOC), this means that COBASE has a special competence and is concerned specifically with some of the fields of activity covered by ECOSOC.
COBASE is a Major Group with the UN Commission for Sustainable Development (CSD) and is fully accredited to participate in the works and projects of various UN programs and can join the work of several conventions relevant to promote sustainable development worldwide. COBASE is involved in activities of study and design according to the area of energy and sustainable management of resources.

Description of the your research interest

The aim of organization is to produce research and projects as far as the renewable use of energy, the sustainable development and the fight against poverty are concerned.
Due to its interdisciplinary – intersectional approach, COBASE acts in the framework of UN convention as scientific body, advocating the issue of scientific approach of sustainable development, urbanization and complex systems. COBASE is a promoter of the project "Electrical Cities and Agroecological Parks" and a draft proposal convention for "Future Cities for CCTs and SDGs", that will be presented at next UNFCCC Conference in Marrakesh". According to the abovementioned goal COBASE is involved in the issues of environment, renewable energy and sustainability and designed and realized air, water, electric, solar installations.

FUTURE CITIES FOR CCTs and SDGs
Electrical Cities and Agroecological Park

It is necessary to design human settlements that mimic natural ecosystems, with the use of high efficiency electricity, interventions on energy, water and sanitation, the use of a bio-circular economy and the creation of agro-ecological and eco-productive parks.

- **PRINCIPLES**
- DESIGNING HUMAN SETTLEMENTS MIMICKING **NATURAL** ECOSYSTEMS
- DESIGNING THE CITY AS A WHOLE, AS A **COMPLEX** SYSTEM
- PROGRESSIVE ELIMINATION OF **COMBUSTION** IN THE CITY
- INTERDEPENDENCE BETWEEN ECONOMY AND **ECOLOGY**
- INCREASING BIOLOGICAL AND CULTURAL **DIVERSITY**
- REDUCING CITY-SYSTEM **ENTROPY**
- ACHIEVING SOCIAL AND ENVIRONMENTAL **EQUITY**

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Objectives

- The ECAP project will supply principles, guidelines, indicators for the well-being of urban settlements and will focus on how to design and recover natural cities for the future.
- It will also provide inputs interesting for multiple stakeholders from the private and public sector including mayors, policymakers, experts and civil society representatives and will discuss implementation strategies for effective urban solutions.
- The ECAP project will be inclusive for all and will meet the indications given by CCTs and SDGs with particular reference to the goals #1, 5,8,11.

Expected results

- Making a contribution to the implementation of international programs like the UN Habitat III and the UN FCCC COP22.
- Defining a strategy to restore the balance of critical urban systems and to achieve both the Sustainable Development Goals (SDGs) and Climate Change Targets (CCTs) over the next years.
- Providing solutions to technical, environmental, financial and social feasibility for the future development and well-being of urban settlements and for issues related to environment, energy, agroecology, mobility, infrastructure and other matters.

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COBASE Basic Technical Scientific Association
ANDES Asociacion para la Naturaleza y Desarrollo Sostenible
Gherush92 Committee for Human Rights

COP 22/CMP 12
UN Framework Convention on Climate Change UNFCCC

SIDE EVENT
Marrakesh, UNFCCC Headquarter, November 11, 16:45 – 18:15, Room: Observer 10

- **FUTURE CITIES FOR CLIMATE CHANGE TARGETS (CCTs) AND SDGs. URBAN AGROECOLOGY AND TRADITIONAL KNOWLEDGE**
- *Providing solutions to technical, environmental, financial and social feasibility on how to design natural cities for the future and recover the existing ones. A strategy to restore the balance of critical urban systems using urban agroecology and efficient electricity and to achieve the* CCTs and the SDGs.

- **Speakers**

Massimo Pieri, Physicist – President – Cobase
Valentina Jappelli, Architect – Project director– Cobase
Alejandro Argumedo, Urban Ecologist – Director – ANDES
Jiulia Nesheiwat - Energy/security policy advisor – U.S. Department of State
Dyson Jangia, President Zomba City Council – Malawi
Stefano Mannacio, Economist – Project Director – Cobase

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