

NEW METROPOLITAN PERSPECTIVES 2022

FOCUS SESSIONS - FS

FS-RH03

ENERGY COMMUNITIES, TERRITORY, RE-FORESTATION, WATER IN THE ECOLOGICAL TRANSITION: PARTICIPATION AND MONITORING

Keywords: Diffused Energy; Actress Water; Ecological Territories.

Many activities can take place „remotely“, energy can be produced locally, and this even sold. From many, also abandoned, places that draw the landscape, a great wealth especially of Italy. The usefulness of greenery, in relation to the improvement of climatic conditions, is increasingly emerging: one of the few commitments of the COP26 Conference in Glasgow (2021), is that relating to re-forestation both on a territorial and urban scale. Element connected to the relationship with water which is both an opportunity – think of River Contracts or hydroelectricity – and risk. Both have management as a key element and where citizen participation is essential. Leading actors of the Energy Communities introduced by the EU in 2018, a significant opportunity for them - for their communities - to be no longer just consumers but also producers or “prosumers”: potentially a great turning point in energy democratization. Considering all of these issues in an integrated way – as required by the *UN 2030 Agenda for Sustainable Development* – these choices can increase the resilience of territories and communities to climate change.

CHAIRS

Stefano Aragona - Dep. Pau, University Mediterranea of Reggio Calabria

Eng., Ph.D., Researcher in Town Planning, Master of Science in Economy & Policy Planning, Delegate of the University Mediterranea of Reggio Calabria at the Universities for the Sustainable Development Network – RUS.

Francesca Assennato - Geological Survey of Italy, Institute for environmental protection and research (ISPRA)

PhD in Energy and environment. Head of Land Monitoring Unit. Geological Survey of Italy - ISPRA (Italian Institute for Environmental Protection and Research). Responsible for ISPRA in relevant EU funded projects (H2020 EJP SOIL, Nellife4drylands). Main topics: land monitoring, impacts of urbanization, land degradation and desertification, ecosystem services, land use planning, urban regeneration.