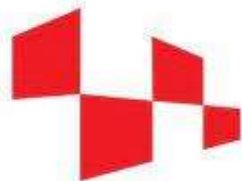




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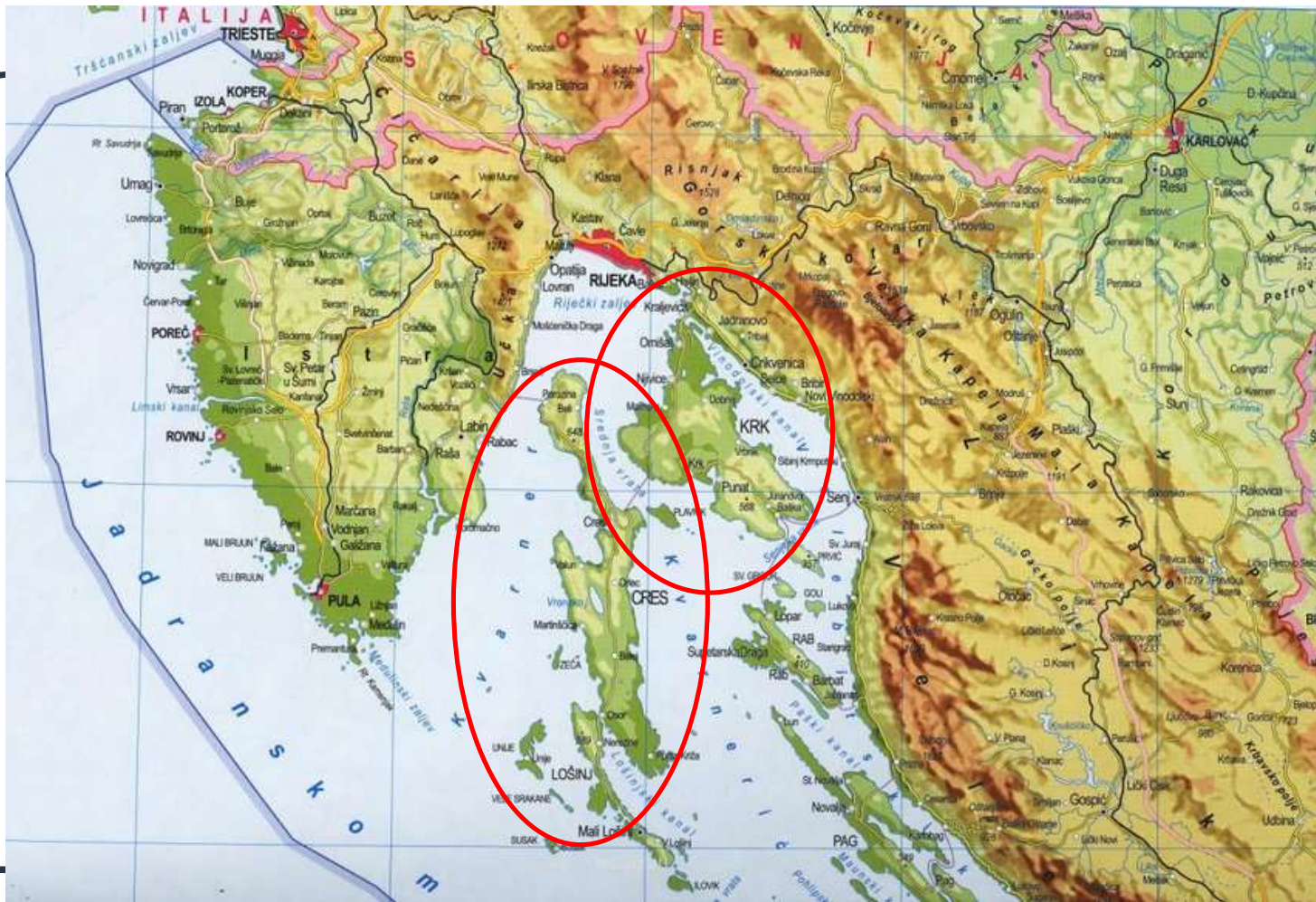


**HRZZ**

Croatian Science  
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# DEVELOPING SUSTAINABILITY AND RESILIENCE ON ISLANDS: SOLIDARITY ECONOMY ON CROATIAN ISLANDS

DUGA MAVRINAC, OLGA ORLIĆ, INSTITUTE FOR ANTHROPOLOGICAL RESEARCH  
HRZZ PROJECT "SOLIDARITY ECONOMY IN CROATIA : ANTHROPOLOGICAL PERSPECTIVE"

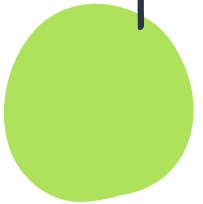


# SOLIDARITY ECONOMY – DEFINITION?

- X „ALTERNATIVE WAYS OF CONSUMPTION, PRODUCTION AND LIVING” (BAUHARD 2014)
- X (ON THE RISE) SINCE 2007
- X OFTEN FRAMED TOGETHER WITH SOCIAL AND SOLIDARITY ECONOMY (SSE)
- X VARIOUS TYPES OF QUITE DIVERSE INITIATIVES
  - X COOPERATIVES (WORKERS, FARMERS...), TIME BANKS, ETHICAL FINANCING
  - X COMMUNAL-LIVING, OPEN SOURCE,
  - X URBAN GARDENS, COMMUNITY-SUPPORTED AGRICULTURE, SHARED KITCHENS

# SUSTAINABLE DEVELOPMENT VS. SUSTAINABILITY

- X SUSTAINABLE DEVELOPMENT = OXYMORON (REDCLIFT 2005)
- X SUSTAINABILITY = WELL BALANCED AND NON HARMFUL DEVELOPMENT OF VARIOUS ASPECTS OF LIFE
  - X ECOLOGICAL
  - X SOCIAL
  - X ECONOMIC





FIRST OF ALL, WE SHOULD BE AWARE OF THE DIFFERENCE BETWEEN SUSTAINABILITY AND SUSTAINABLE DEVELOPMENT... BECAUSE THIS TERM WAS KIDNAPPED BY COMPANIES SUCH AS COCA-COLA, BRITISH PETROLEUM AND SIMILAR. AND WE STARTED TO USE SUSTAINABILITY AND NOT SUSTAINABLE DEVELOPMENT.

(VEDRAN, KRK ISLAND)

## UTOPIAS OF RECONSTRUCTION

- CREATING ALTERNATIVES TO CAPITALISM AND CONSUMERISM
- RE-LOCALIZATION (INCLUDING FOOD PRODUCTION, ENERGY)
  - FOOD SOVEREIGNTY
  - ENERGY SOVEREIGNTY
  - CITIZENS, NOT CONSUMERS

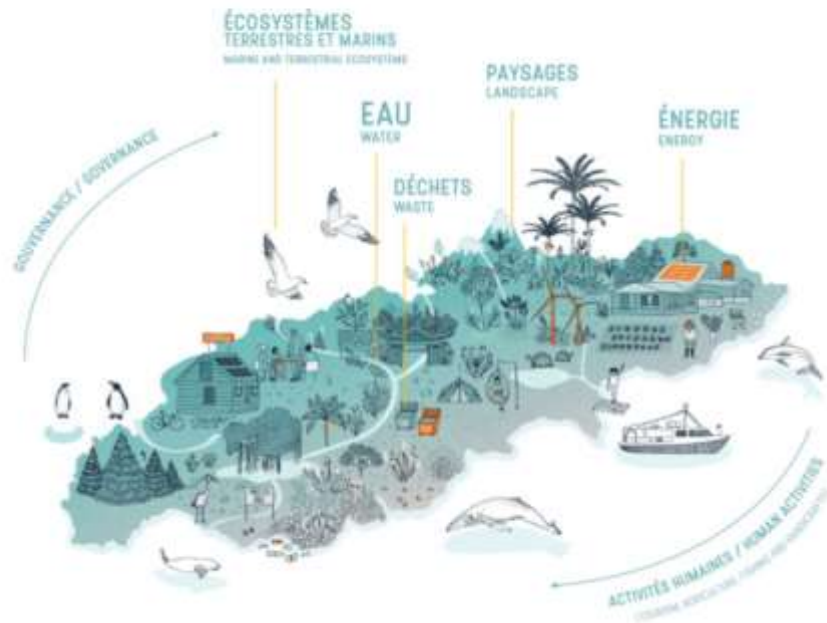


WE HAVE THREE PILLARS OF SUSTAINABILITY: FOOD, WATER AND ENERGY

WE BUY FOOD FROM SMALL FAMILY FARMERS, WE ARE INCREASING THE WATER SUPPLY (COMMUNAL COMPANY PONIKVE IS HEIGHTENING THE DAM IN ORDER FOR LAKE TO BE ABLE TO HOLD MORE WATER) AND ENERGY – RENEWABLE SOURCES.

ENERGY, BUT TRANSPORTATION AS WELL, RELIABLE AND SUSTAINABLE TOURISM, WASTE MANAGEMENT, SUSTAINABILITY OF NATURAL PROTECTED AREAS..WE HAVE THE WHOLE RANGE OF SUSTAINABILITY. OUR STRENGTH LIES IN INTEGRAL SUSTAINABILITY THIS MEANS THAT WE DO ALL AT THE SAME TIME AND WE DO NOT SKIP ANYTHING.

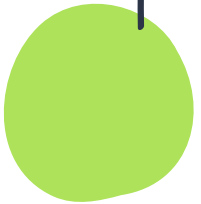
(VEDRAN, KRK ISLAND)





# (RE)TURN TO ENERGY

- X CARBON DEMOCRACY (MITCHELL, 2009)
  - X DEPENDENCY OF MODERN DEMOCRATIC POWER UPON CARBON-ENERGY SYSTEM
- X PETROCULTURE (SZEZMAN 2007, 2013)
  - ENTANGLEMENTS OF CARBON FUELS AND POLITICAL POWER
- X THIRD CARBON REVOLUTION (?) (BOYER 2011, 2014)





DISCOURSE ON ENERGY SECURITY TODAY AS NOT SIMPLY ABOUT THE MANAGEMENT OF POPULATION (E.G., "BIOSECURITY") BUT ALSO ABOUT THE CONCERN THAT OUR PRECIOUS AND INVISIBLE CONDUITS OF FUEL AND FORCE STAY BRIMMING AND HUMMING. ABOVE ALL, ENERGOPOWER IS A GENEALOGY OF MODERN POWER THAT RETHINKS POLITICAL POWER THROUGH THE TWIN ANALYTICS OF ELECTRICITY AND FUEL." (BOYER 2014:22).

# SAN DIONISIO WIND FARMS – LOCAL RESISTANCE



THE PROJECT CONCERNS THE DIMENSION OF TERRITORIAL SOVEREIGNTY, OR THE ATTRIBUTION OR DENIAL OF LEGITIMACY TO CERTAIN ACTORS TO TAKE THE FLOOR AROUND THE DECISIONS TO BE TAKEN ON THE TERRITORY.” (ZANOTELLI, 2016: 167).



# ENERGY COOPERATIVES VS. ENERGY COMMUNITIES

## X KRK ISLAND

- X EKO KVARNER (SINCE 2002)
- X 2012. THE MODEL OF ENERGETIC TRANSITION WAS DEVELOPED
- X **ENERGY INDEPENDENCE** OF THE ISLAND BY 2030.
- X 2020 ENERGY COOPERATIVE OTOK KRK (ENERGY COMMUNITIES)

## X CRES ISLAND

- X 2018. INVITATION FROM CLEAN ENERGY FOR EU ISLANDS SECRETARIAT
- X PILOT PROJECT
- X PLATFORM TO EXCHANGE BEST PRACTICES AND CAPACITY BUILDING AND ADVISORY SERVICES
- X 2022. ENERGY COOPERATIVE
  - X LAU, LEGAL AND NATURAL PERSONS



BECAUSE NOW THE CONCEPT, OF THIS ENERGY COMMUNITY, IS THAT WE HAVE MORE PANELS ON MORE APARTMENT BUILDINGS AND THEN I PRODUCE ELECTRICITY, BUT I DON'T CONSUME IT BECAUSE I'M AT WORK, AND MY NEIGHBOR IS UNEMPLOYED OR HOUSEWIFE, AND SHE HAS THE AIR CONDITIONING AND THE MACHINE ON, AND SHE NEEDS MORE THAN SHE PRODUCES SO SHE'LL USE MINE. SO THAT'S WHERE **SOME SHARING COMES IN**, SO IT'S COMPENSATED AT THE END OF THE MONTH OR AT THE END OF THE YEAR - WHO SPENT HOW MUCH AND WHO MUST PAY WHAT TO WHOM.

(IGOR, CRES ISLAND)

# PROSUMERS - ENERGETIC SOVEREIGNTY



„BUT THE IDEA IS THAT THESE MEANS OF PRODUCTION SHOULD BE IN OUR HANDS“

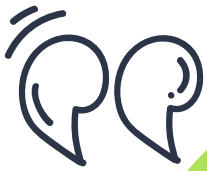
(VEDRAN, KRK ISLAND)

„THE AIM IS TO IMPROVE THE LIVING CONDITIONS OF THE LOCAL COMMUNITY, AND WE HAVE FOUND A BUSINESS MODEL IN WHICH WE WILL COLLECT THE MONEY THAT ARE THERE, BECAUSE WE DO NOT WANT THE TURKS OR ISRAELIS TO INVEST HERE, BUT TO BE THE OWNERS OF THE ENERGY WE PRODUCE OURSELVES!“

(IGOR, CRES ISLAND)



UNIJE ISLADN IS A HORIZON PILOT PROJECT. ..WE ARE BUILDING ENERGY COMMUNITY WITH GRIDS AND THIS SOFTWARE – GRID SINGULARITY – WE CAN MANAGE.... [ ....],,,, WE CONTROL THE SITUATION ABOUT THE GRID – WHO HAS EXTRA, AND WHO LACKS THE POWER.  
(VEDRAN, KRK ISLAND)



"WHEN YOU TALK ABOUT THE SOLIDARITY ECONOMY PROJECT, CURRENTLY ... YOU CAN ONLY CONSIDER IT AN ALTERNATIVE ECONOMY, AT THE MOMENT IT IS NOT IN SOLIDARITY.

THE COOPERATIVE THAT WAS ESTABLISHED IS ESSENTIALLY MORE CONCEIVED NOW AS SOME INVESTMENT PLATFORM, THAT CAN RAISE FUNDS TO INVEST IN SOME LOCAL PROJECTS. MEANS PROJECTS TO WHICH WE WILL INVEST WILL CERTAINLY HAVE SOME SOCIAL DIMENSION AND IMPACT ON THE LOCAL COMMUNITY.

YOU HAVE EXTRA MONEY, SO INSTEAD OF KEEPING IT IN A BANK WHERE ITS VALUE DROPS YOU CAN INVEST IN SOMETHING LONG-TERM, RETURN EXTENDS TO ABOUT 25 YEARS, BUT WILL REAP SOME PROFITS ANNUALLY, AND WITH THIS INVESTMENT WE HAVE CONTRIBUTED TO THE ISLAND'S ENERGY TRANSITION AND THE REDUCTION OF CO2 EMISSIONS." (IGOR, CRES ISLAND)





"WE UNDERSTAND THAT THE ENERGY TRANSITION IS A  
CIVILIZATIONAL STEP FORWARD FOR THE LOCAL  
COMMUNITY."  
(VEDRAN, KRK ISLAND)

THANK YOU FOR YOUR TIME!

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