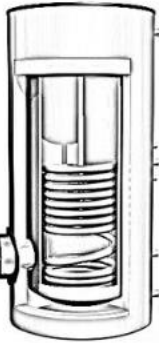
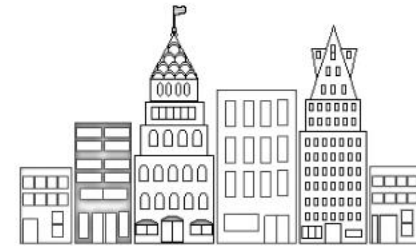
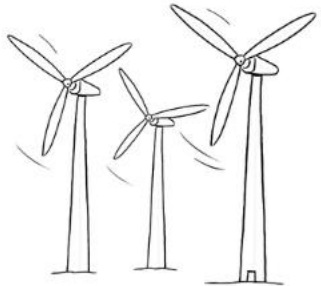


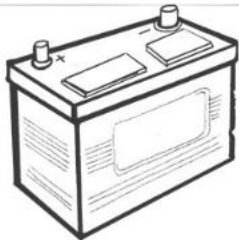
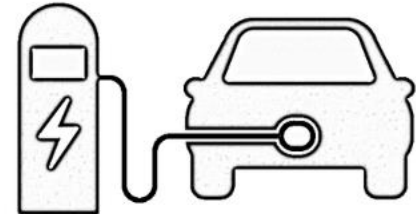


ENERGY STORAGE CONCEPTS

MARCH 9, 2021
13:30PM - 16:00 PM



CHALLENGES
⊕
SOLUTIONS

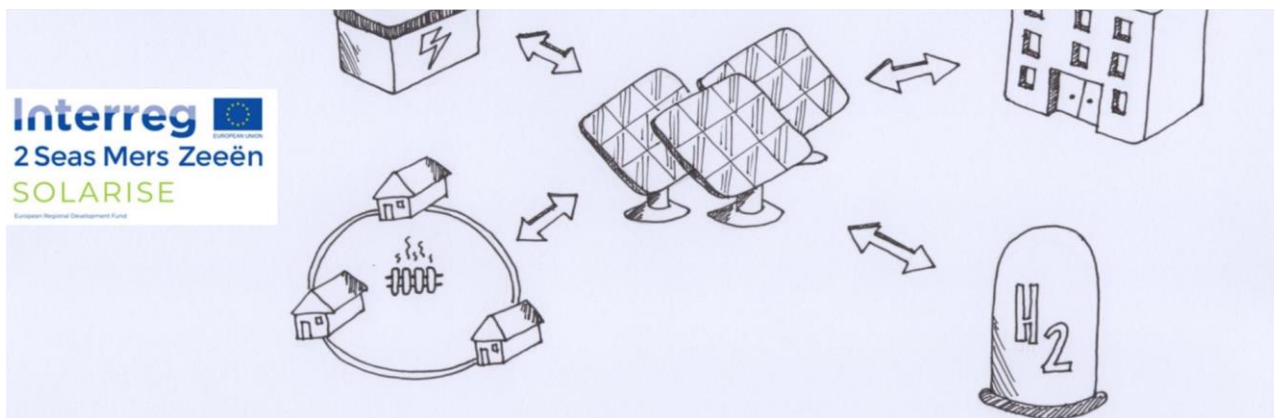


IS THERE
A NEED IN THE
FUTURE?

WHAT IS
"ENERGY STORAGE?"

How
SHOULD I
DO IT?

OTHER
ALTERNATIVES?



VIGILANCE 

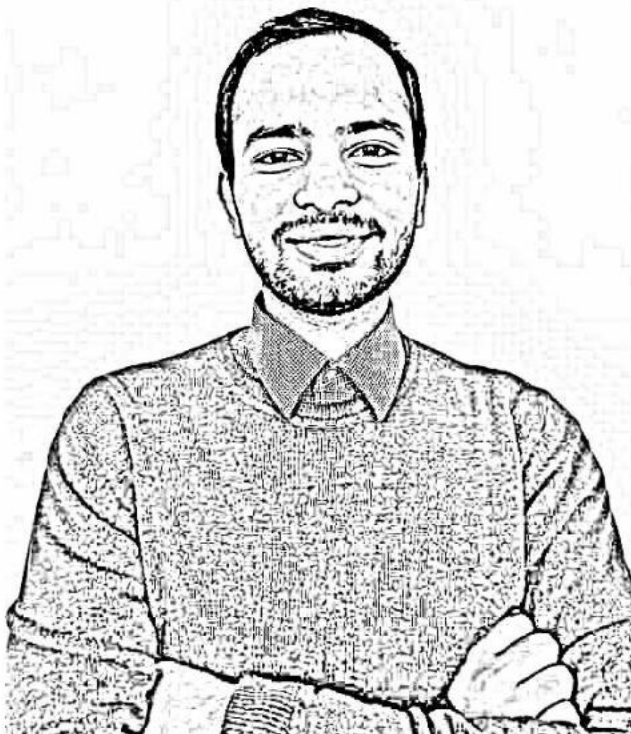
FOR
HEAT & ELECTRICITY

Projects

Energy efficiency

Renewables

Optimisation



2050

CO₂ neutrality

energy autonomy

-57% consumption

Co-creation

Arpan Dutta

YOUR HOST FOR THE AFTERNOON

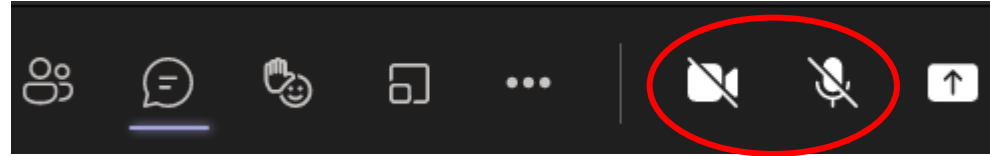
&

SOLARISE PROJECT PARTNER

BASIC GUIDELINES FOR OUR PARTICIPANTS



Mute your
microphone



Turn off your
camera

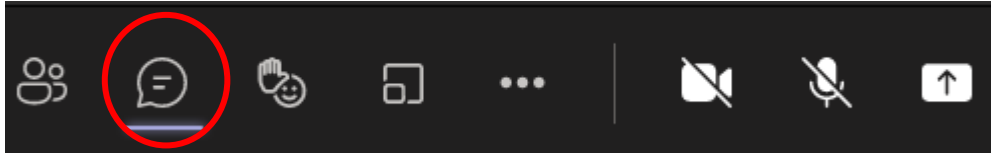


The webinar is
Being recorded

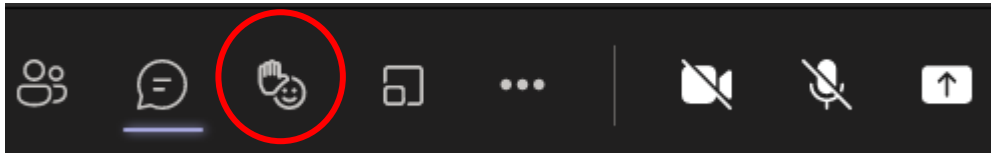


Express yourself

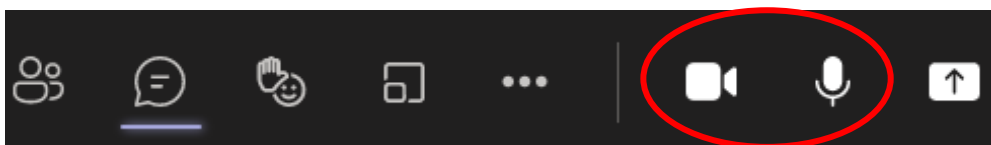
GUIDELINES FOR Q&A



**Ask questions at any time via chat function.
Please begin your question with "Q:" to
distinguish it from other comments**



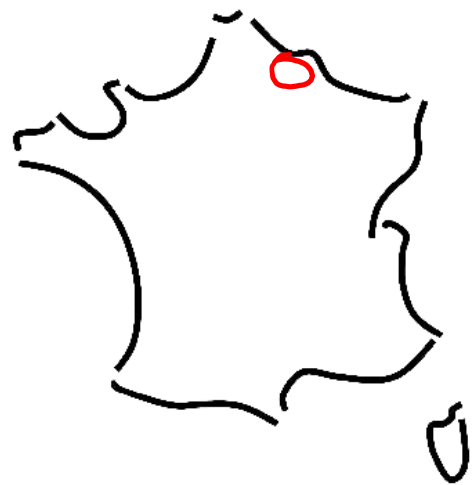
**Raise your hand during Q & A for verbal remarks or
interventions (only a limited number of people will be admitted)**



**Turn camera and mic on for your verbal intervention
(after your name has been called) & turn it off after your turn**

THIRD INDUSTRIAL
REVOLUTION
AT

FOURMIES



Mickaël Hiroux

MAYOR OF FOURMIES

REDYNAMIZATION

ALLEVIATE
PREVAILING
SOCIAL,
ECONOMIC
⊕

ENERGY
POVERTY

CONTROL SYSTEMS
INSTRUMENTATION
SOLAR PROJECTS



TECHNICAL
ADMINISTRATIVE
LEAD
SOLARISE
PUBLIC
LIGHTING
SMARTSPACE

Ahmed Rachid

PROFESSOR



&

SOLARISE PROJECT LEAD

ELECTRO MECHANICAL



SYSTEMS

ENGINEERING

RENEWABLE

ENERGY

STORAGE



Jan Desmet

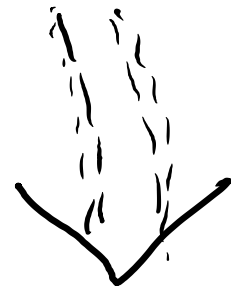
PROFESSOR



INTERREG NWE STEPS PARTNER

LEMCKO

- OPTIMAL RESIDENTIAL STORAGE SYSTEM
- DEMAND SIDE MANAGEMENT
- LOW VOLTAGE FUTURE
- BATTERY ENERGY STORAGE
- H₂ BASED CHP



LOW CARBON
ECONOMY

ENERGY TRANSITION
CONSULTING



ENGINEERING



Jean Gravelier

DIRECTOR



Pôlénergie

Entreprises et territoires
des Hauts-de-France

BRIDGING THE GAP

COMPANIES

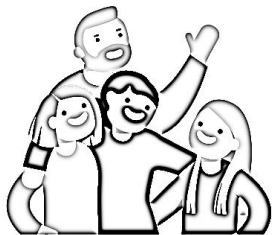


TERRITORIAL
ADMINISTRATION

INNOVATIONS!



STRATEGY



ENERGY COOPERATIVE

FOCUS ON:

- SOLAR PV
- WIND
- MICRO HYDRO
- COGENERATION



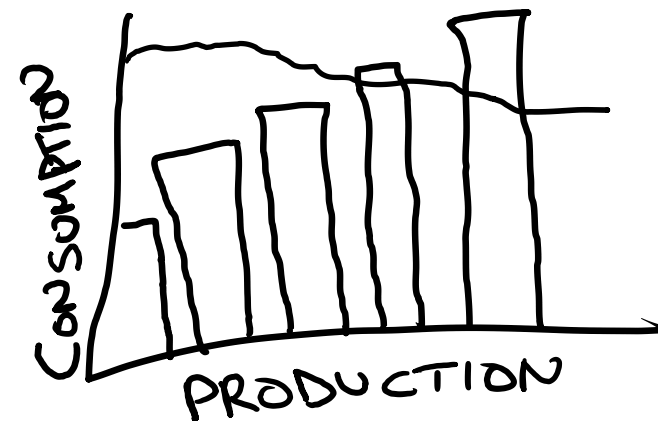
Pierre Gouëtto
RESPONSABLE ENERGIE



&

SOLARISE PROJECT PARTNER

ENERGY
SUPPLY & DEMAND



VENTS = WIND
DU = OF
NORD = NORTH

WIND & SOLAR FARMS

HISTORICALLY
IN THE NORTH
OF
FRANCE



> 1000 MW OF
PROJECTS
(UNDER DEVELOPMENT)

Nicolas Ugalde

GENERAL DIRECTOR
&
ADMINISTRATOR FRANCE HYDROGEN



ALSO

GREEN
H₂



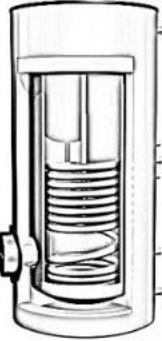
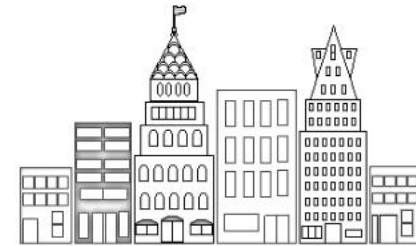
ENERGY STORAGE CONCEPTS



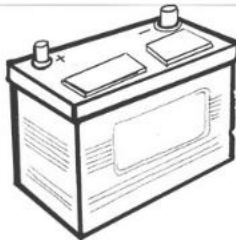
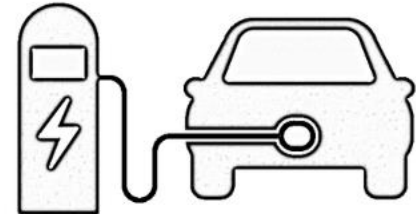


ENERGY STORAGE CONCEPTS

MARCH 9, 2021
SESSION-2



CHALLENGES
⊕
SOLUTIONS



HOT-COLD
STORAGE

STORING
SENSIBLE
HEAT



SEASONAL
THERMAL
ENERGY

SOLUTION
↓

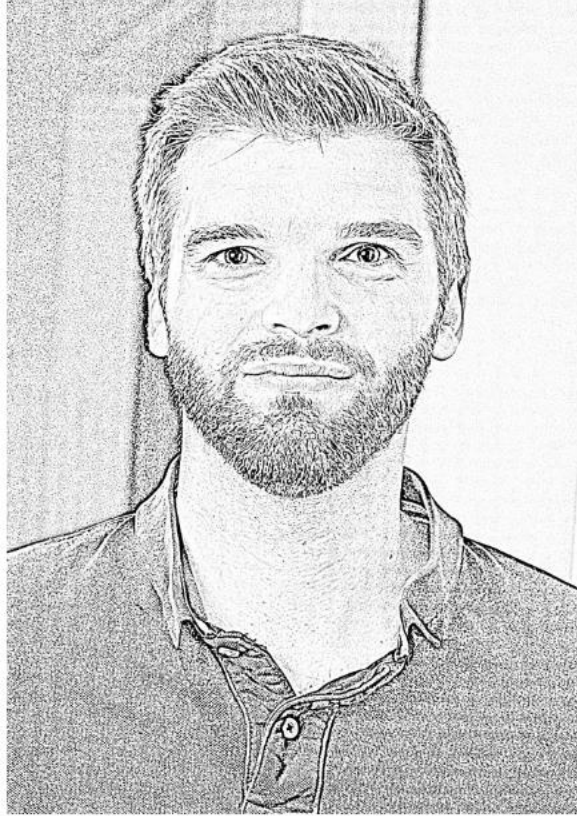
LOW TECH
&
HIGH SAVING

Rico Den Ouden

PRESIDENT

HoSto
HOT COLD STORAGE

PIONEERING
SELF
CONSUMPTION
INTEGRATION
IN
FRANCE



- CONSULTING
- COURSES
- ENERGY
MANAGEMENT
SOFTWARE

Rémi Bastien
CO-FOUNDER & CEO

EF
INNOVATION

