

GENT 29 APRIL

LOCAL ENERGY COMMUNITIES
FOR BUSINESS



MOON SHOOT
PROGRAM

2050

FLANDERS
CARBON-NEUTRAL
BY 2050 & € 400M

CONVERT
ENERGY

BUSINESS
OPPORTUNITY

LEVEL OUT
ENERGY SUPPLY

...AND MUCH
MORE!



FLEMISH LEC'S PERSPECTIVE

WHAT IS
LOCAL ENERGY
COMMUNITY
TO ME?

FLANDERS
ENERGY: NUCLEAR - COMMON
SOLUTION
WIND
SOLAR
...
NEED STORAGE

NO BLACK-
OUTS OF ENERGY

ENERGY WILL
BECOME CHEAPER

CONTACT **FLUX 50**
FOR YOUR INNOVATIVE-
PROJECT SUPPORT!

CONTACT **VLAO**
FOR MORE SUPPORT!



ERIC SLEENCKX

CABINET OF FLEMISH
MINISTER OF WORK,
ECONOMY, INNOVATION
AND SPORTS

I HAVE AN INNOVATIVE
PROJECT! WHO SHOULD
I CONTACT?



FIND

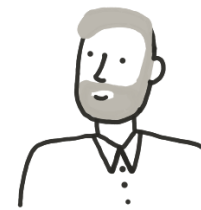


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LOECKX

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MIKOLAJ JASIAK

POLICY OFFICER
EUROPEAN COMMISSION

AND THEN...
**IMPLEMEN-
TATION**

SPECIFIC GOVERNANCE (BUT BROAD MEMBERSHIP)	VS.	LIMITED MEMBERSHIP & SPEC. GOV.
NO GEOGRAPHICAL LIMITATION	VS.	PROXIMITY TO GENERATION 
ELECTRICITY ONLY	VS.	ALL SOURCES OF REC
TECH. NEUTRAL	VS.	100% REC

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LOCAL ENERGY COMMUNITIES
FOR BUSINESS

ENERGY TRANSITION
TAKES TIME

LOWER
ELECTRICITY
COST

SOCIAL
ACCEPTANCE

BUSINESS CASE?
- AN OPPORTUNITY!
... BUT WE SHOULD
BE REALISTIC!

MAARTEN
MESSAGE
(VUB)

IT'S DOUBTFUL
THAT SOCIETY
WILL EASILY ACCEPT
LEC'S ...

SOCIAL
INCLUSION

THERE IS NO "PU", BUT
LARGE-SCALE PU
OR ROOFTOP PU.

LIMITED
PROFIT

IT'S
TIME FOR
CHOICES

LEEN
PEETERS
(THINKE)

HOW CAN
WE MAKE
IT WORK?

FREDERIK
LOECKX
(FLUX50)

SOFTWARE
DATA

IT IS
ESSENTIAL TO
(SMART) DIGITALIZE

MOTIVATION?
REDUCE
AIR POLLUTION

ENVIRONMENT



CREATE
ENGAGEMENT

CITIZEN
ENGAGEMENT

PLATFORMS
TO BOOK
PAYMENTS

COST MIGHT BE HIGHER
BUT IT'S BETTER FOR
NEXT GENERATION

ADDED VALUE
FOR THE SPECIFIC
END-CONSUMER

DON'T FORGET THE
LOCAL CONTEXT!

HOW CAN WE ENSURE
THAT WE ARE COST
-EFFECTIVE?



CITIZEN: CLEAN ENERGY
- CAN I GET MY ELECTRICITY
CHEAPER? WILL IT GIVE ME
PRESTIGE? → DIFFERENT
MOTIVATIONS

PEOPLE START TO
INVEST IN RENEWABLE
ENERGY



WE SHOULD ALWAYS BE
TRYING TO CREATE
A SYSTEM

HOW DO YOU
PRODUCE YOUR
ENERGY?

HOW WILL YOU
COMMUTE?



PANEL DISCUSSION
MAKING LEC'S WORK
IN FLANDERS & EU

GENT 29 APRIL

LOCAL ENERGY COMMUNITIES
FOR BUSINESS

CHANGE
BEHAVIOUR
CONSUMER
↑
ENGAGEMENT

RÉMI
BASTIEN MONITOR REAL-TIME
DATA + MAKE CALCULATIONS

CASE:
MUNICIPALITY
BUILDING WITH PV
COLLECTING DATA

REMY GARAUDE
VERDIER
STARTED IN
AUGUST 2018

FRANCE

EU
FRONTRUNNERS

UK

INGRID
BENNET

EVANGELOS
KARAGIANNIS

IT'S BEEN DEFFINITELY NECESSARY,
BUT IT'S ALL ON THE BEGINNING NOW.
IT'S A WIN-WIN SOWTION!

WE NEED TO HEAR
WHAT OUR CLIENTS
NEED! AND THEN
WE TEST TO MAKE
IT WORK.

AUSTRIA

GREGOR
TALJAN

3 MODELS:

1. HISTORIC
GRID MODEL

2. LIMITED TO
1 APARTMENT
BUILDING
(PV ↔ INHABITANTS)

3. (LIMITED)
REDUCED
TARIFS
↓ MARGINS

FOR END-CUSTOMERS:
KEEP IT AS SIMPLE
AS POSSIBLE!

LIVE VISUAL REPORTING
AGATA SMOK, THINK E

GENT 29 APRIL



LOCAL ENERGY COMMUNITIES
FOR BUSINESS

REGULATORY
STABILITY

LIGHT STRUCTURE
- DECISION-ENAB-
LERS

PROVEN
BUSINESS MODELS
→ INSPIRATION

FINANCIAL
PREMIUM

RISK MANAGEMENT
& INVESTMENT
OPTIONS

ACCESS TO
INCENTIVES
/ REPR. OF
VAWE

ADAPTIVE
TARIFICATION

THERE ARE
STUDIES, REPORTS
AVAILABLE!

RESISTANCE
TO SMART METERS

COST-REFLECTIVE
TARIFICATION
STRUCTURE

DATA-SHARING

MAKE IT
UNDERSTANDABLE
USE COMMON
LANGUAGE

CLEAR LEGAL
FRAMEWORK

STAKEHOLDERS

INDEPENDANCE
TO GUIDE PROCESS

MAKING
THE CASE

VAWE PROP.

NEEDS

PLATFORM

RETURN OF
INVESTMENT

WHAT ARE
OUR NEEDS?

NEEDS

METERING/
MONITORING
TOOLS



LARGE ENTITIES
PARTICIPATION
IT'S NOT
FORBIDDEN
TO PARTICIPATE

SERVICE
PROVIDERS

LARGER
SCALE

INCLUDE
TO SCALE-UP

USE THE SCALE

GOVERN =
= CONTROL

DON'T CONTROL
BUT PARTICIPATE!

TARIFFS
SETTINGS

ENABLING
FRAMEWORK

REVENUE
STREAMS



FEASIBILITY

NEEDS

COLLABORATION

COMMUNITY

GROWS FROM
THE COMMUNITY

RISK ASSESSMENT
MITIGATION

GOVERNANCE

INCOME
STREAMS

NEEDS

WIDER SOCIETAL
BENEFITS

STABLE
INVESTMENT

LEAD
/ INITIATOR
+ DIFFERENT
ROLES

TAX SHIFT

WHAT ABOUT
GRID MAINTNANCE?

COST-EFFECTIVE
& NON-
DISCRIMINATORY

CONDITIONS
SHOULD BE
THERE!

CLEAR
RESPONSIBILITIES

CREATE TRUST
TRANSPARENCY

STABLE
FRAMEWORK

LIVE VISUAL REPORTING
AGATA SMOK, THINK E