



LA 3<sup>ÈME</sup> RÉVOLUTION INDUSTRIELLE  
EN HAUTS-DE-FRANCE

# A new stage

Conference "How to build Smart Energy Regions"  
4-5 July in Ettlingen/Karlsruhe

Région  
**Hauts-de-France**  
Nord Pas de Calais - Picardie

## A brief history

October 2012

**Meeting** Nord-Pas de Calais Region, CCIR and **Jeremy Rifkin**

Throughout 2013

Common **elaboration** of the **Master Plan**

25 October 2013 – World Forum in Lille

**Presentation** and **validation** of the Master Plan

Since 2014

**Operationalisation** of the approach...





**1<sup>st</sup> industrial revolution**

19th century  
Coal / Railways

**2**



**2<sup>nd</sup> industrial revolution**

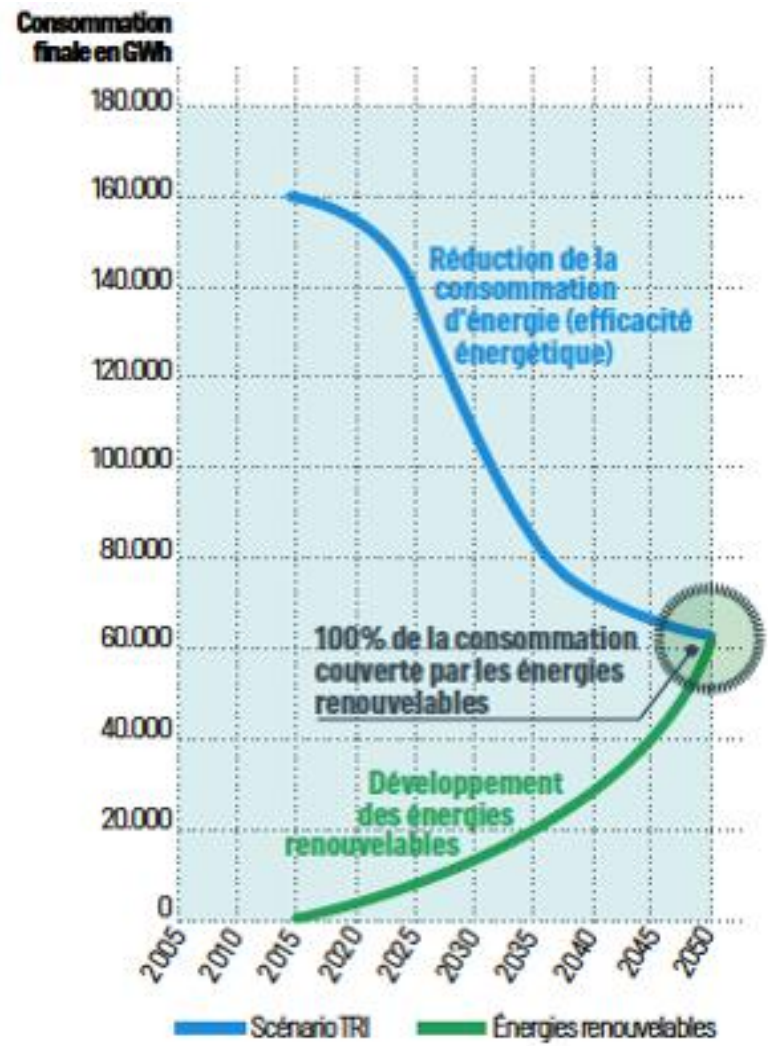
20th century  
Oil / Major networks



**3<sup>rd</sup> industrial revolution**

21st century  
Renewable energy /  
digital

# Dual objective of the Third Industrial Revolution



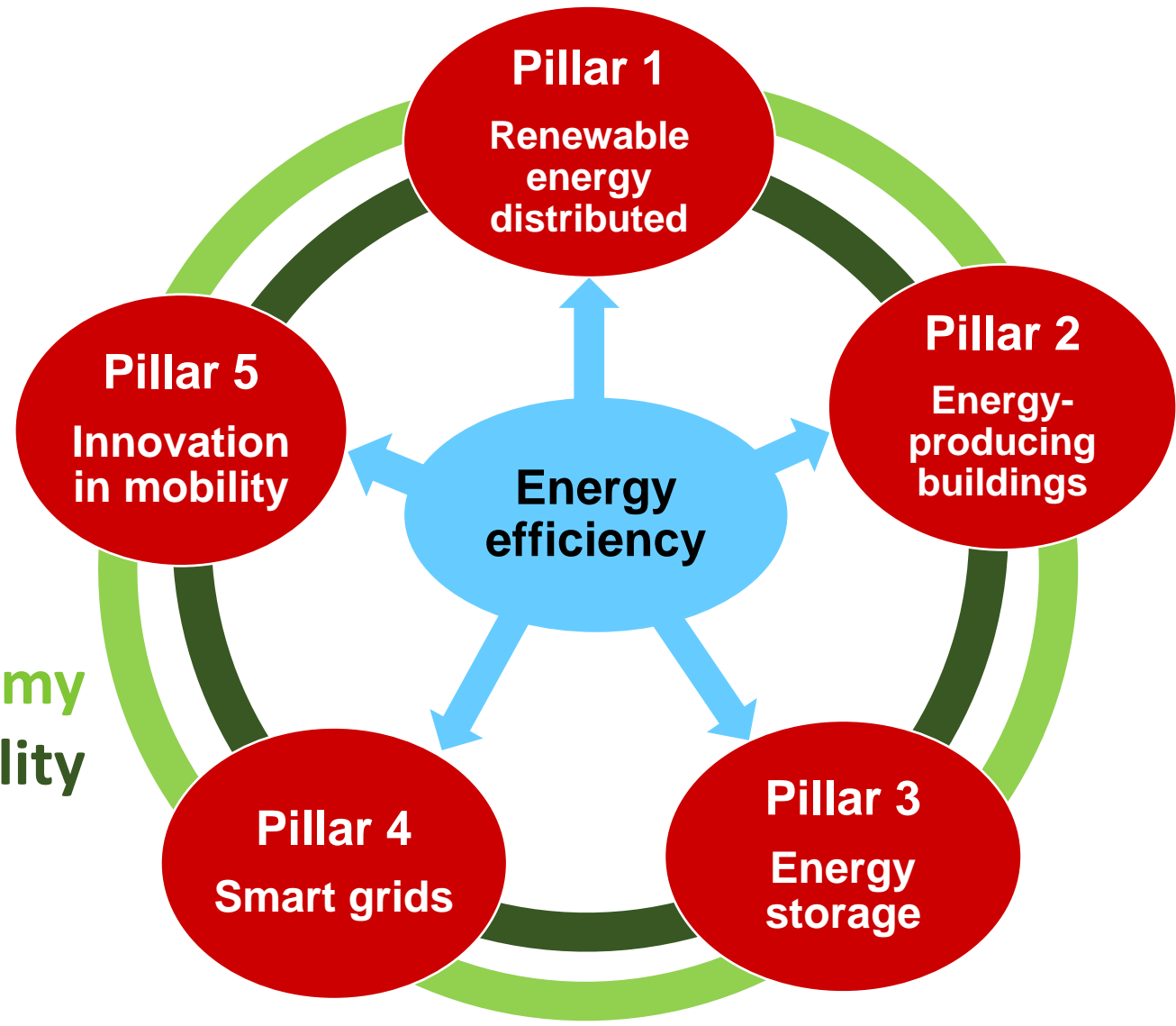
To achieve a **decarbonised economy** by 2050

To encourage the creation of **activities and jobs**



# The **pillars** of the Third Industrial Revolution

**Circular economy**  
**Economy of functionality**



A strong **dynamics** is engaged

**Implication of territories**

**Development of projects:** more than 300 to date

**Diversity of players**



## Tools are created

Technical support for projects

Financial tools

Publication of guides



CITOYENS  
DU NORD PAS-DE-CALAIS  
**LA RÉVOLUTION**  
NE SE FERA PAS  
**SANS VOUS**

Chez nous,  
notre rev3 est de vous  
proposer les moyens d'être  
utile et d'agir, et pas  
seulement de le dire.

Stéphanie FERMONT  
CREDIT COOPÉRATIF

**Kiss Kiss  
Bank Bank®**

CREDIT COOPÉRATIF  LA 3<sup>ème</sup> RÉVOLUTION INDUSTRIELLE  
EN NORD-PAS DE CALAIS

# And now?

**New stage for the  
Third Industrial Revolution:  
5 priority directions**



*Policy forum – 1 February 2016*



## Priority direction no. 1: **employment**

### **TIR, a lever for maintaining and creating jobs**

According to the Nord-Pas de Calais Master Plan:

**37 000** jobs created by 2020 (*66 000 with jobs safeguarded*),

**165 000** jobs created by 2050 (*267 000 with jobs safeguarded*),

- support for businesses,
- action on industry sectors,
- strengthening of innovative ecosystems,
- anticipation of future trades and relevant training...

## Priority direction no. 2: **territorialisation**

**Extend the local roots of TIR to the whole of the Hauts-de-France** in the territories of Picardy and the rural areas

Support for territorial programmes, "club of territories", organisation of "Territorial Conferences of the Third Industrial Revolution"

## Priority direction no. 3: **collective ownership**

**Raise awareness of TIR, promote projects**

Education and communication, mobilisation of young people, creation of "TIR offices" in high schools, support in changing behaviours

## Priority direction no. 4: **project quality**

### **Act on all pillars and transverse axes**

Contractualisation of specific objectives with our partners

Mobilisation of the right to experiment

## Priority direction no. 5: **open up internationally**

### **Build European synergies based on Third Industrial Revolution**

Links to ongoing projects, formalising a TIR network in Northwest Europe, visibility with European institutions