



Theresa GRIFFIN

MEP (S&D, UK) and signatory of the REC manifesto

“IT’S GOOD POLITICS”

12%

OF



**LIVE IN
FUEL POVERTY**



**TOP-DOWN
APPROACHES**



**BOTTOM-UP
APPROACHES**

ARE NEEDED



**THE EUROPEAN
PARLIAMENT**

**HAS CALLED FOR
COP 21
TO SET A BINDING**



**40%
ENERGY EFFICIENCY**

**WHILE THE EU
COMMISSION**




**HAS
COMMITTED**

**€38
BILLION
IN 2014-2018**

**TO FINANCING
CO₂
INVESTMENTS**

**Daiva MATONIENE**

Acting Vice-Minister of Environment, Republic of Lithuania

“IT’S AN INVESTMENT OPPORTUNITY”
3 MILLION**LIVING IN A
LARGE STOCK OF
POOR QUALITY DWELLINGS****SINCE 2013****3,650**MULTI-APARTMENT
BUILDINGS**APPROVED FOR
UPGRADING****1,650**MULTI-APARTMENT
BUILDINGS**ARE BEING
UPGRADED****420 PROJECTS WERE COMPLETED****AFTER RETROFIT****50%****ENERGY
SAVINGS****70%**
30%
20%**IN PROPERTY
VALUES****HEATING
COSTS****TO THE
OWNERS**



Simone RASKOB

Deputy Mayor for Environment and Construction, Essen, Germany

"IT'S LOCAL JOBS & GROWTH"

ESSEN



9TH
BIGGEST CITY
IN GERMANY



577.000
INHABITANTS
TRANSFORMED



GREY **GREEN**

USING AN HOLISTIC
APPROACH AND A

20-YEAR PLAN



12,700 JOBS
IN THE ENERGY EFFICIENCY CLUSTER



3%

RENOVATION
RATE PER
YEAR FOR ITS
SOCIAL
HOUSING



THE ENERGY
EFFICIENCY
STRATEGY
COMPRISED

PLANNED
EXTENSION
TO ALL
BUILDING
TYPES & THE
ACHIEVEMENT
OF THE
EUROPEAN
GREEN
CAPITAL
AWARDS
2017



20,000 JOBS
EXPECTED BY **2020**

bre

Ian WATSON

Principal Consultant, BRE Group, UK

"IT'S HEALTH AND WELL-BEING"

**LIVERPOOL
HEALTHY HOMES
PROGRAMME
(HHP)**

SHOWED THAT



COLD HOMES



**HIGHEST
RISKS**

**ON
THE UK
HOUSING
HEALTH &
SAFETY
RATING
SYSTEM
(HHSRS)**

15%

OF HOUSES IN ENGLAND

**COST THE
UK NATIONAL
HEALTH SERVICE**

 **£ 1,4
BILLION**

725



CATEGORY 1 HAZARDS

IDENTIFIED AND MITIGATED FROM

861



INSPECTIONS

UNDER THE

**LIVERPOOL HEALTHY
HOMES PROGRAMME**

**LIVERPOOL HPP
WITH AN INVESTMENT FOR**

£6 MILLION 

RETURNS AN ESTIMATED

£55 MILLION

TO SOCIETY

(£42m FROM EXCESS
COLD HAZARDS)



José LOPEZ
Financial Director, Energies POSIT'IF, France

“IT'S SMART DEVELOPMENT”

ENERGIES
POSIT'IF



TACKLING
THE COMPLEXITY OF
RETROFITTING
PROGRAMMES



BY



MANAGING
ALL ASPECTS
OF THE PROJECTS

IN 2016

4

MULTI-FAMILY
BUILDINGS
RENOVATED



& 22 SIGNED
CONTRACTS

3,300
APARTMENTS



TO BE
RENOVATED

BY 2020

A LOAN OF

€100 MILLION

FROM THE JUNCKER
INVESTMENT PACKAGE
WILL ALLOW ENERGIES
POSIT'IF TO REACH

ITS AIMS TO RETROFIT
60 → 80 MULTI-FAMILY BUILDINGS

8,000 DWELLINGS
AT A COST OF

€200 MILLION

THE MODEL WILL
BE REPLICATED IN

10 OTHER REGIONS
OF FRANCE





Wigger VERSCHOOR

Project Leader for Sustainable Buildings, Urgenda, The Netherlands

"IT'S CO₂ REDUCTION"

IN 2014



0,85 °C
ABOVE
PRE-INDUSTRIAL



BROUGHT



urgenda

TO START A CLIMATE CASE
AGAINST THE DUTCH GOVERNMENT

URGENDA CASE RESULTED IN
ORDERING THE DUTCH GOVERNMENT
TO TAKE ITS SHARE TO STAY

↓ **450** PARTS PER
MILLION



1990



-40%



2020

THE SOCIAL ENTREPRENEURSHIP MODEL USED BY URGENDA



1.5-2.0
RC VALUE

A NET ZERO ENERGY DEMAND



FOR €35,000

THROUGH RETROFITS ON ENERGY
SUPPLY AND IN-HOUSE SYSTEMS