

**REDDay2013**



# **Investing in Energy Efficient Renovations for Europe's Regions**

## **Welcome and Introduction**

# 24 Partner Companies and Associations:

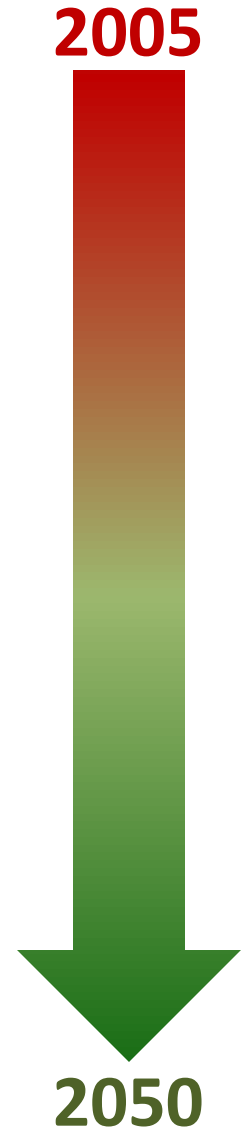


# Working Together to:

**Reduce the Energy Demand  
of the**

**Existing EU Building Stock by  
80% by 2050**

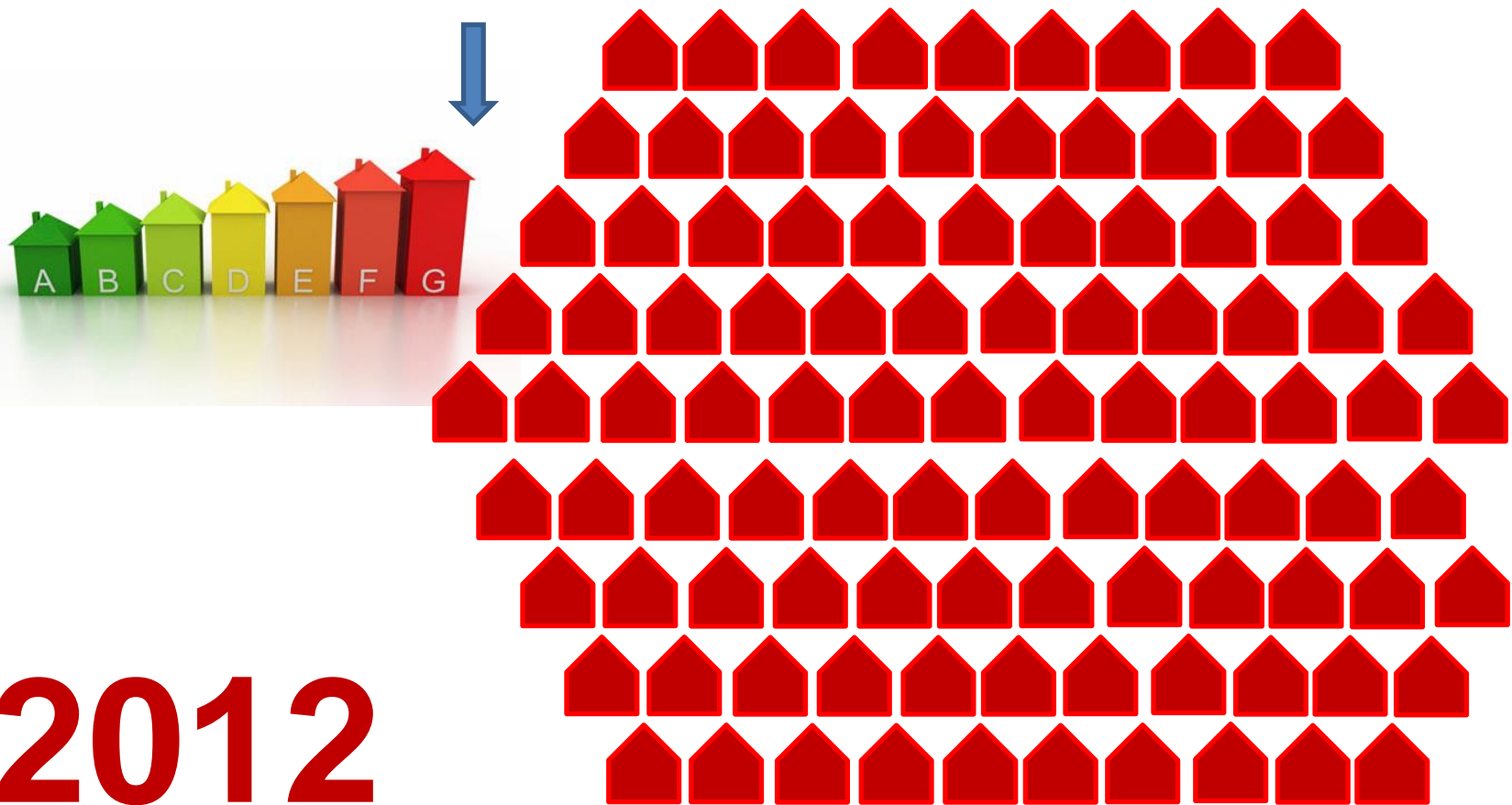
**as Compared to 2005**



**To Achieve Our Ambition:**  
**Increase Average Renovation**  
**Rate to 3% by 2020 and Beyond**  
**Ensure That All Renovations are**  
**Deep or Staged Deep Renovations**  
**Establish a Strong Long-Term**  
**Legal and Regulatory Framework**

# Reduce Energy Demand by 80%

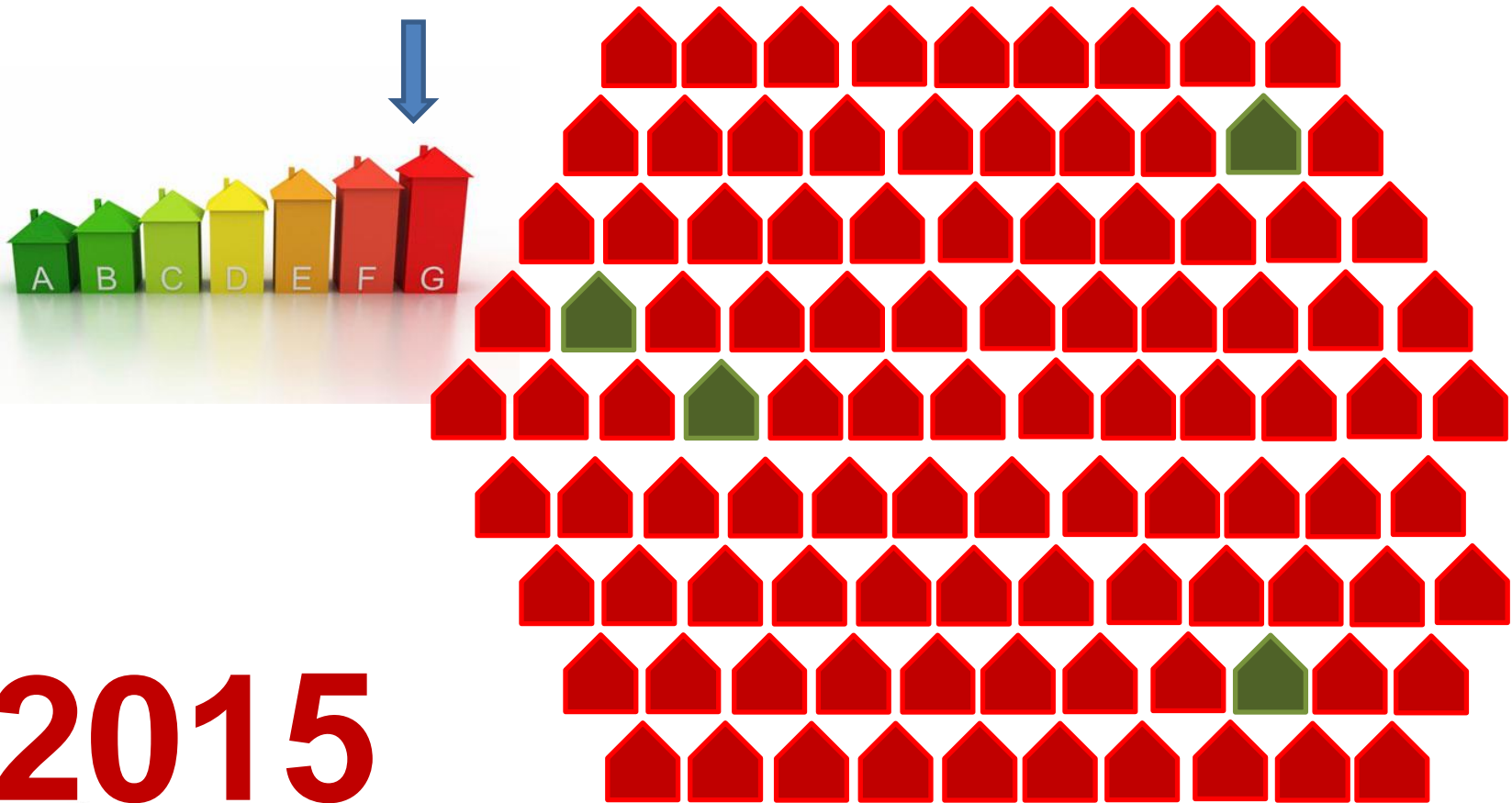
200 kWh/m<sup>2</sup>/year<sup>1</sup>



2012

# Reduce Energy Demand by 80%

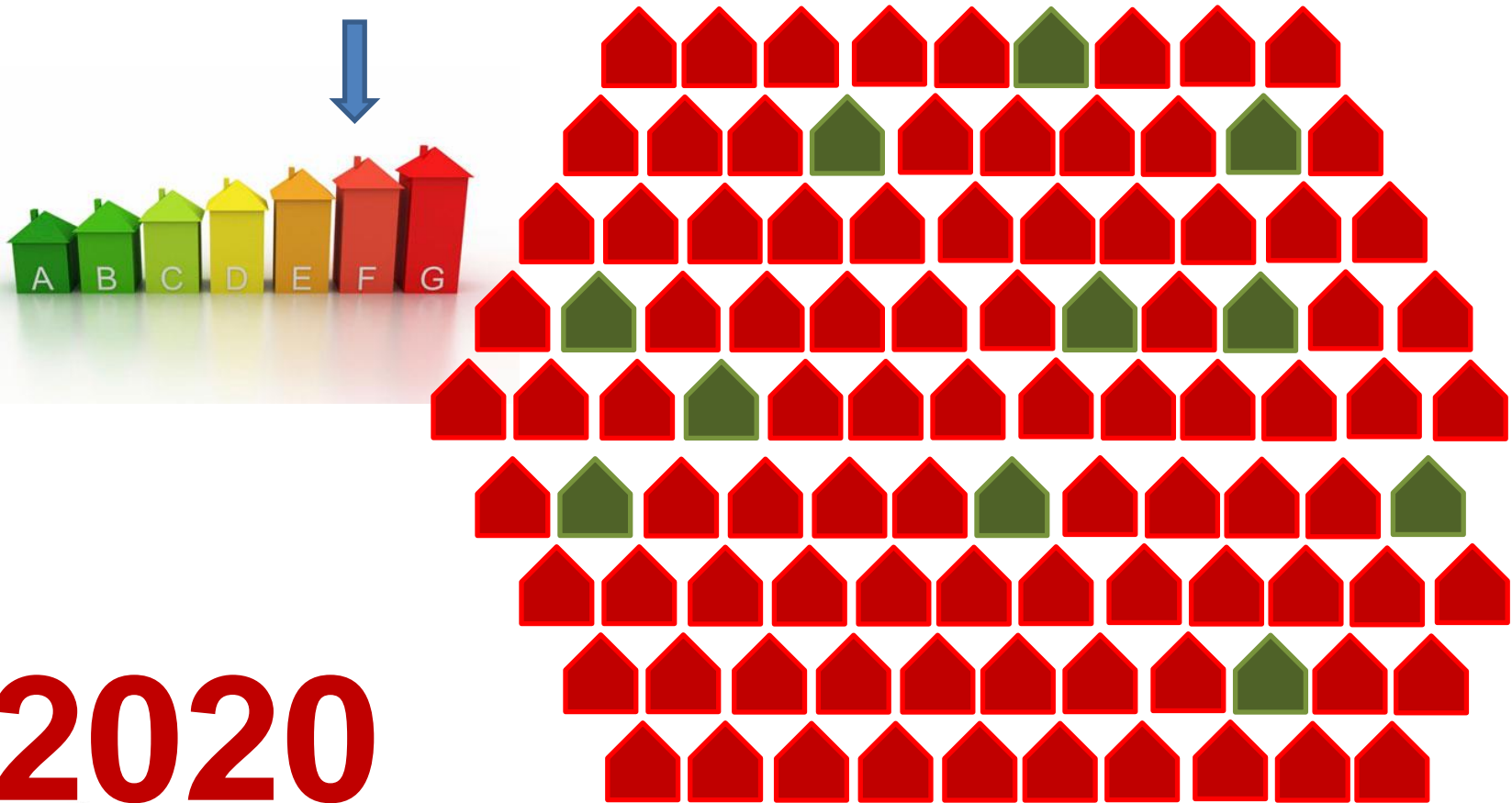
180 kWh/m<sup>2</sup>/year



2015

# Reduce Energy Demand by 80%

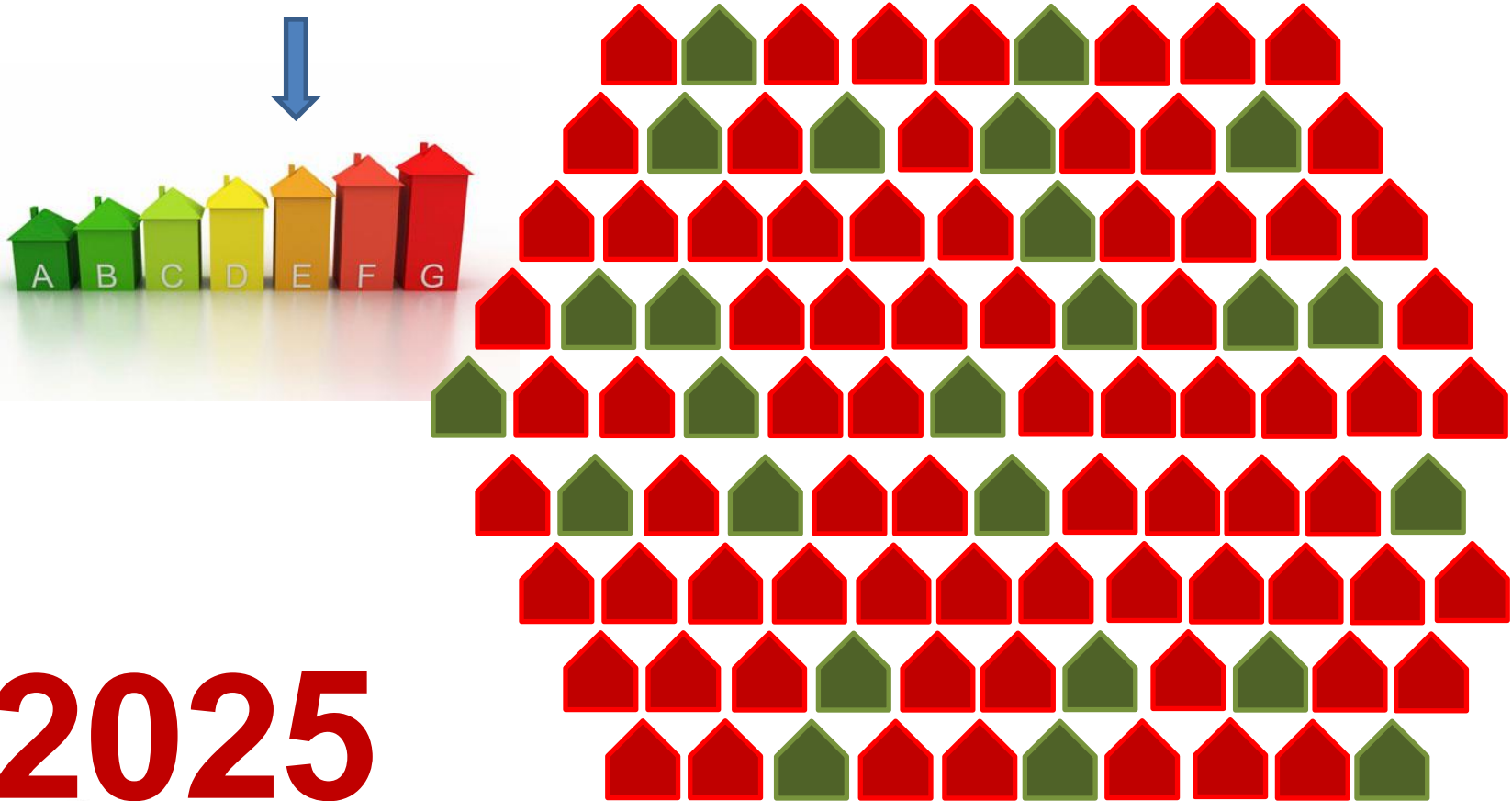
160 kWh/m<sup>2</sup>/year



# 2020

# Reduce Energy Demand by 80%

140 kWh/m<sup>2</sup>/year

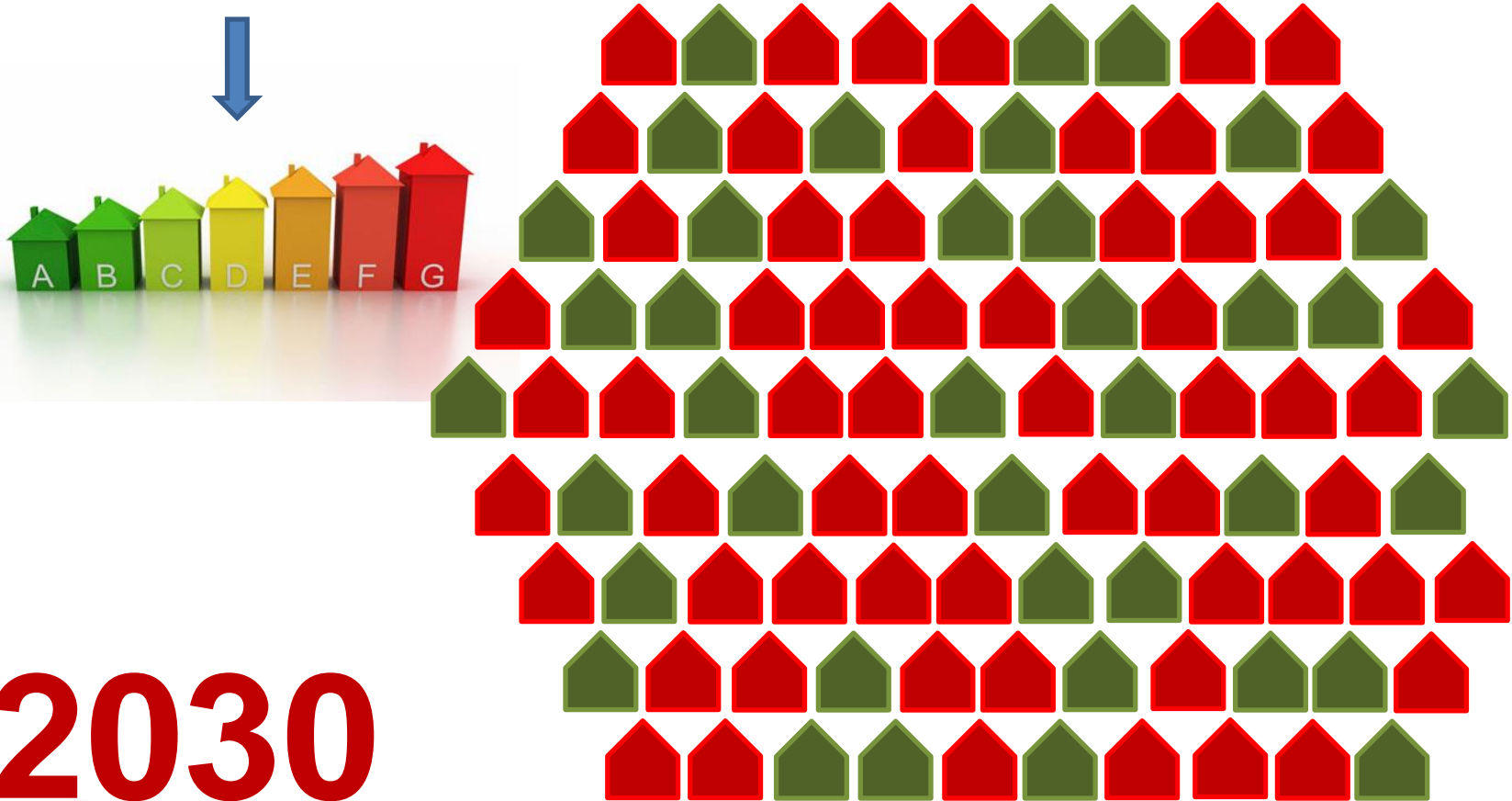


# 2025



# Reduce Energy Demand by 80%

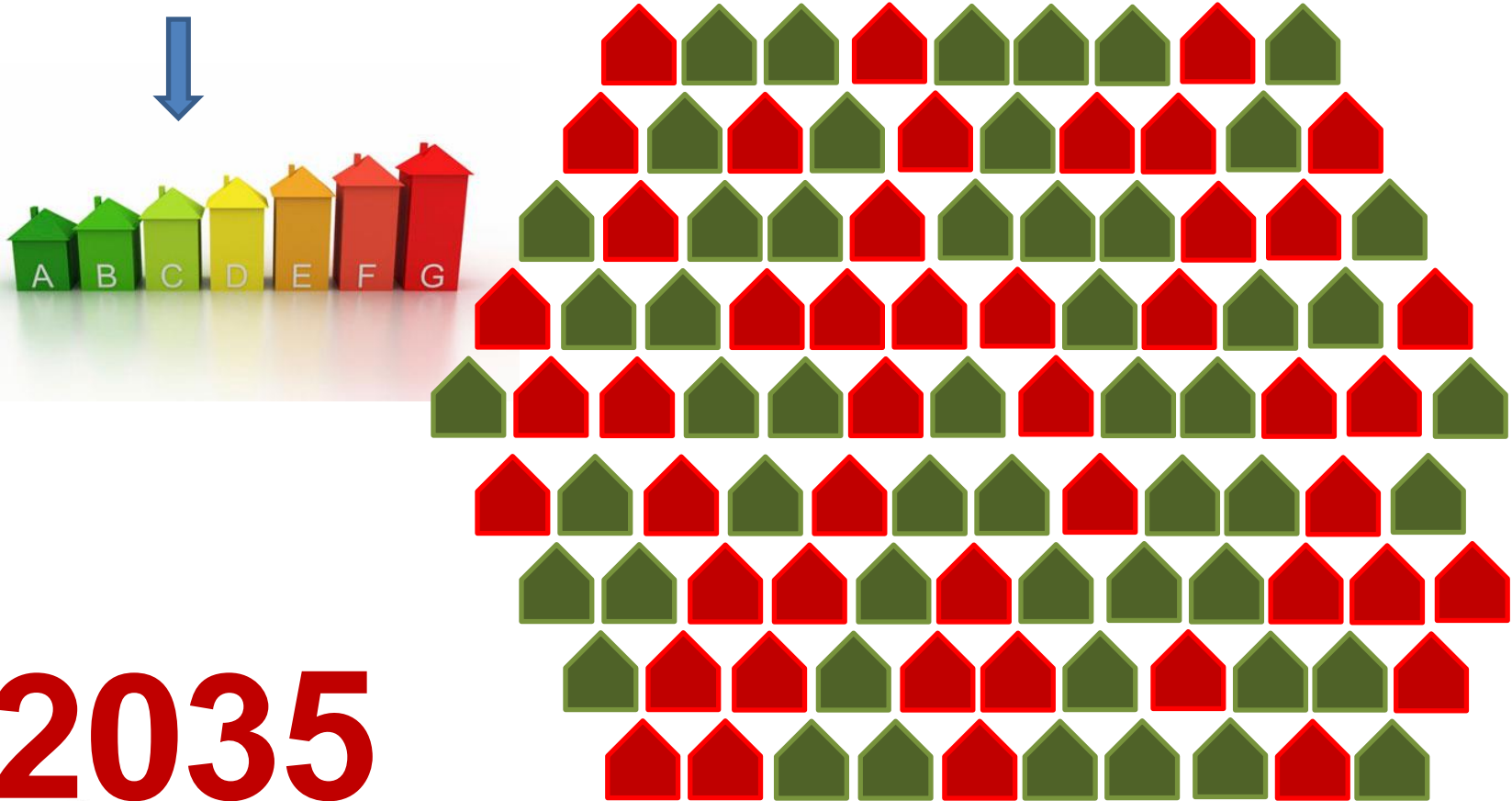
120 kWh/m<sup>2</sup>/year



2030

# Reduce Energy Demand by 80%

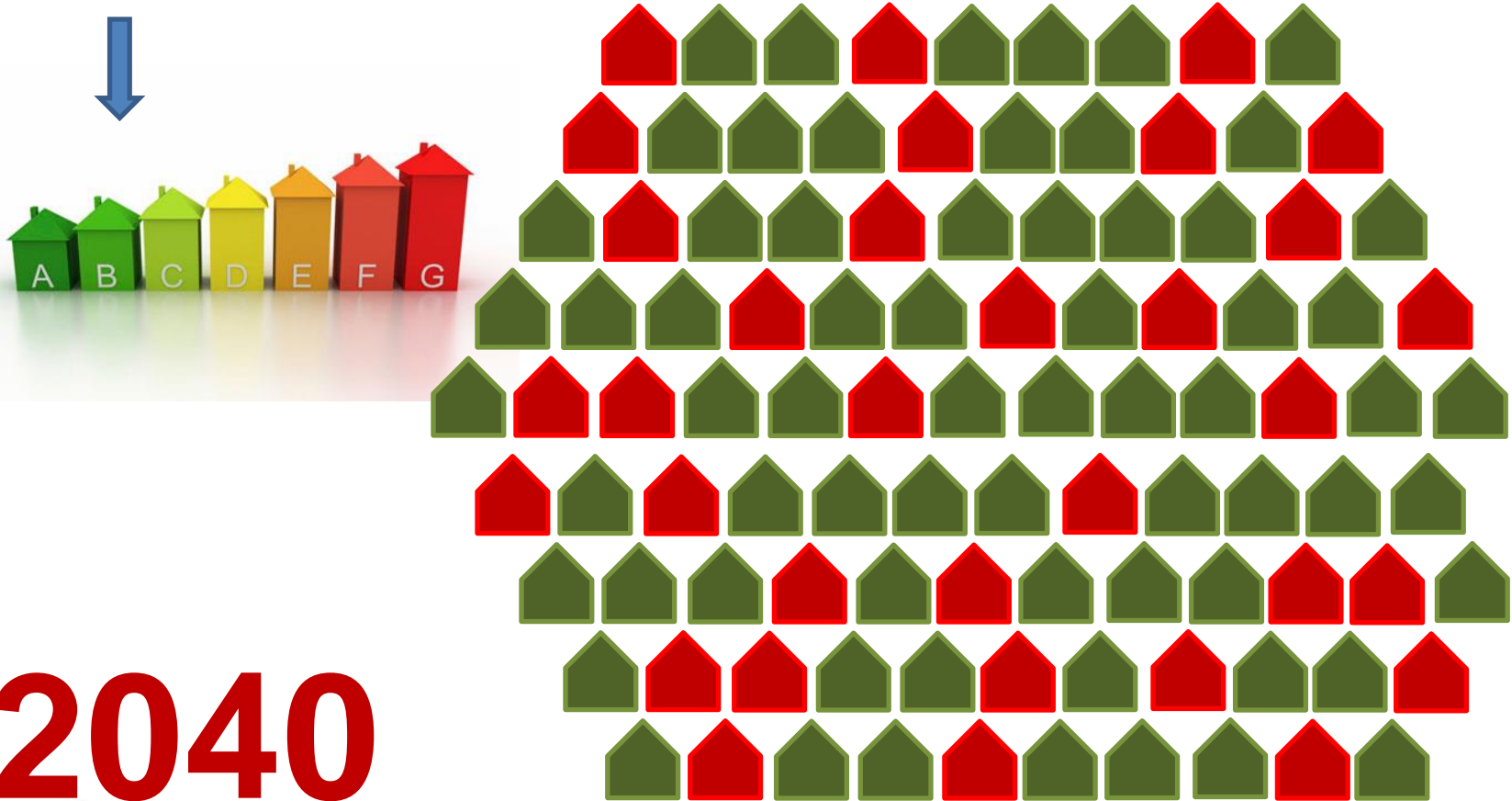
100 kWh/m<sup>2</sup>/year



# 2035

# Reduce Energy Demand by 80%

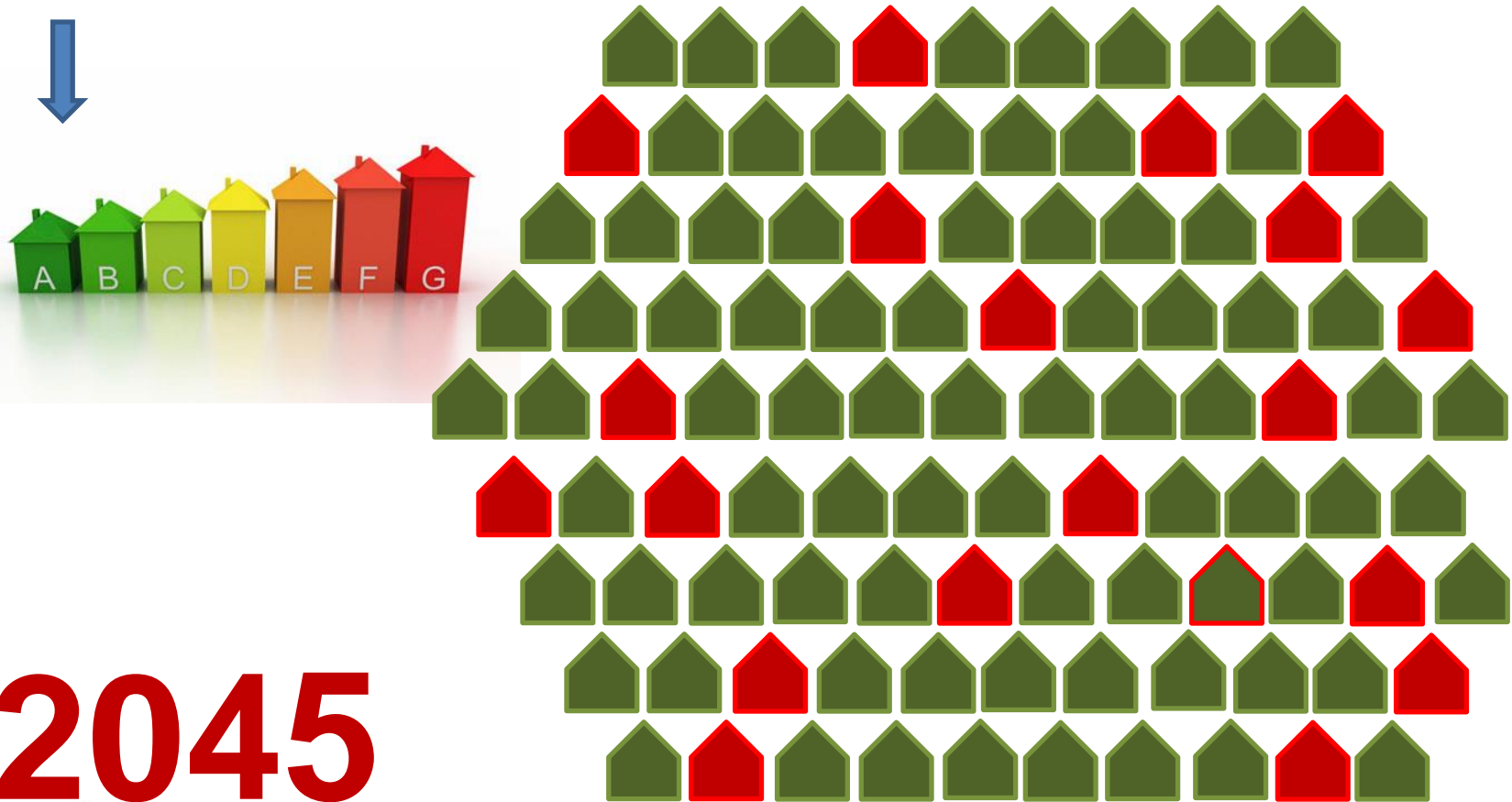
80 kWh/m<sup>2</sup>/year



# 2040

# Reduce Energy Demand by 80%

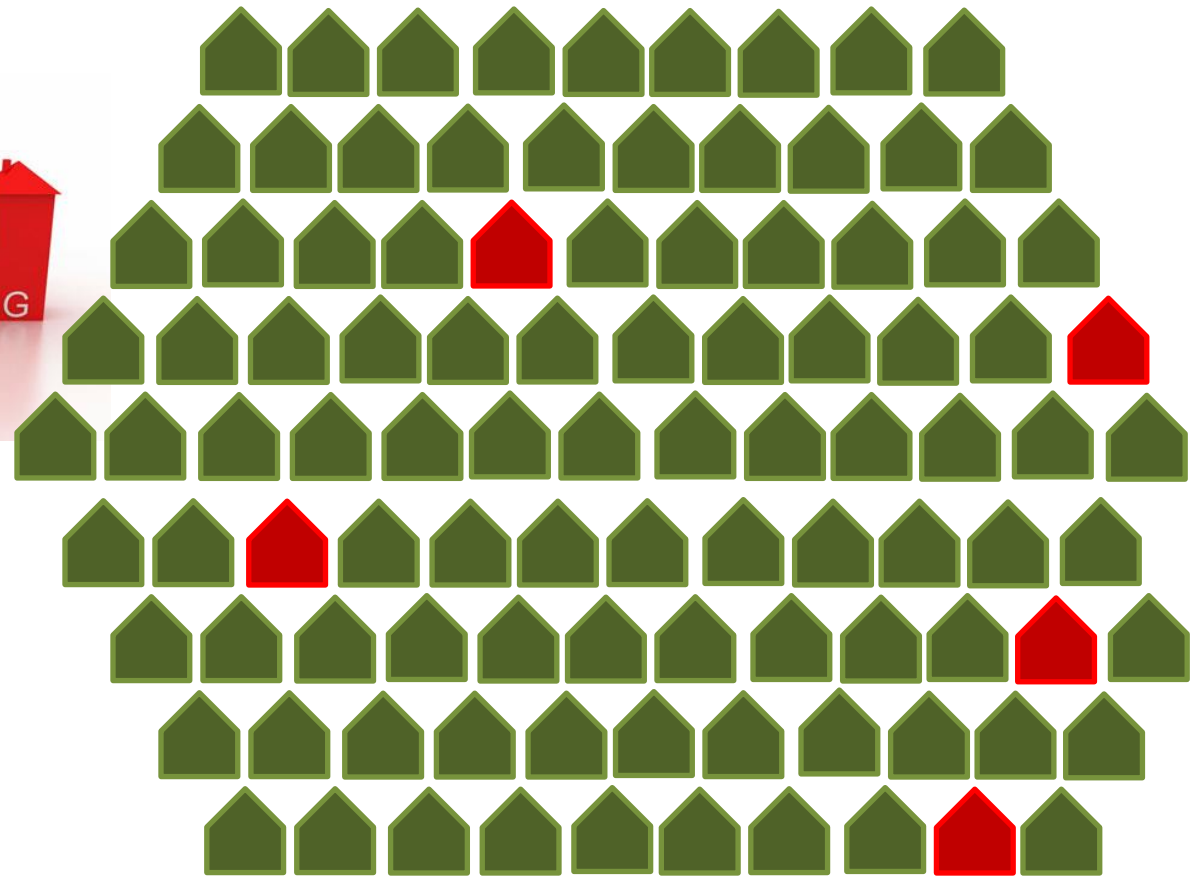
60 kWh/m<sup>2</sup>/year



# 2045

# Success!

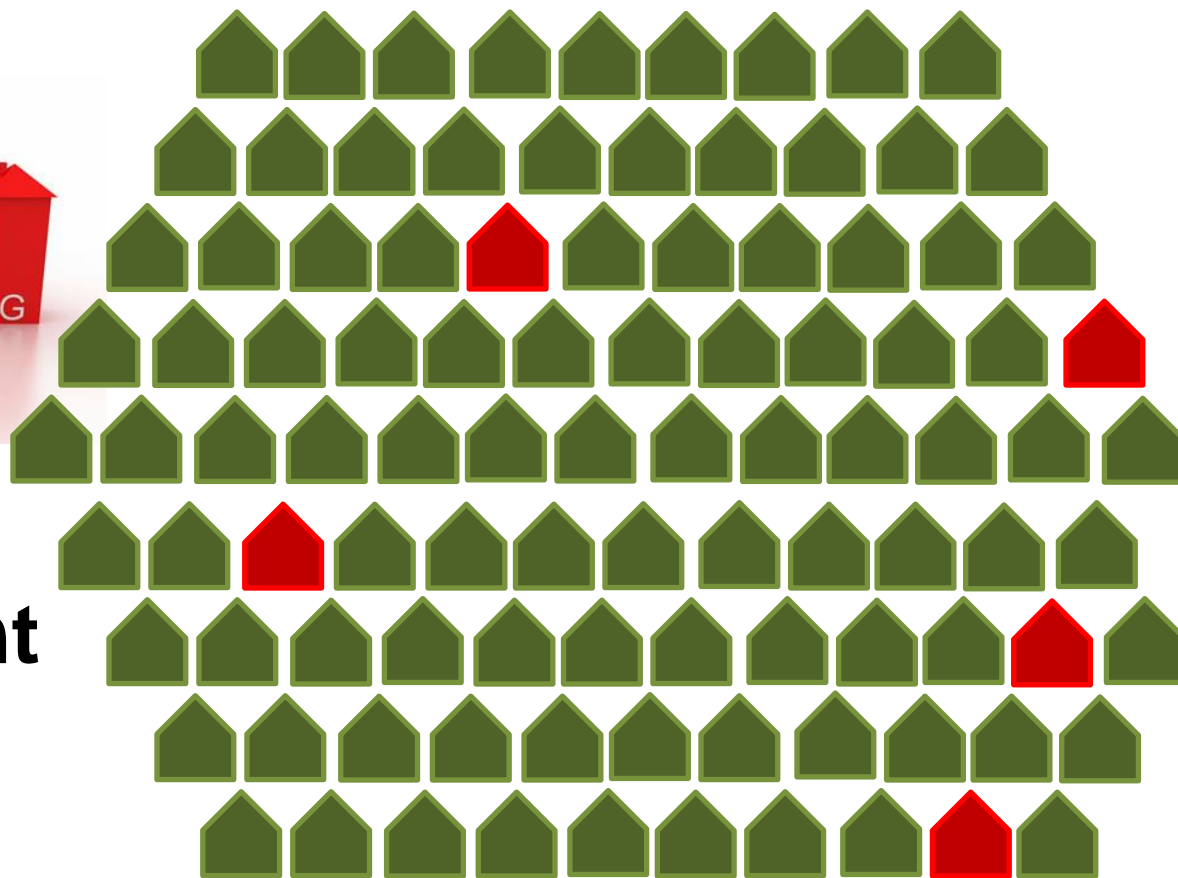
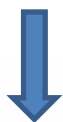
## 40 kWh/m<sup>2</sup>/year



# 2050

# Success!

40 kWh/m<sup>2</sup>/year



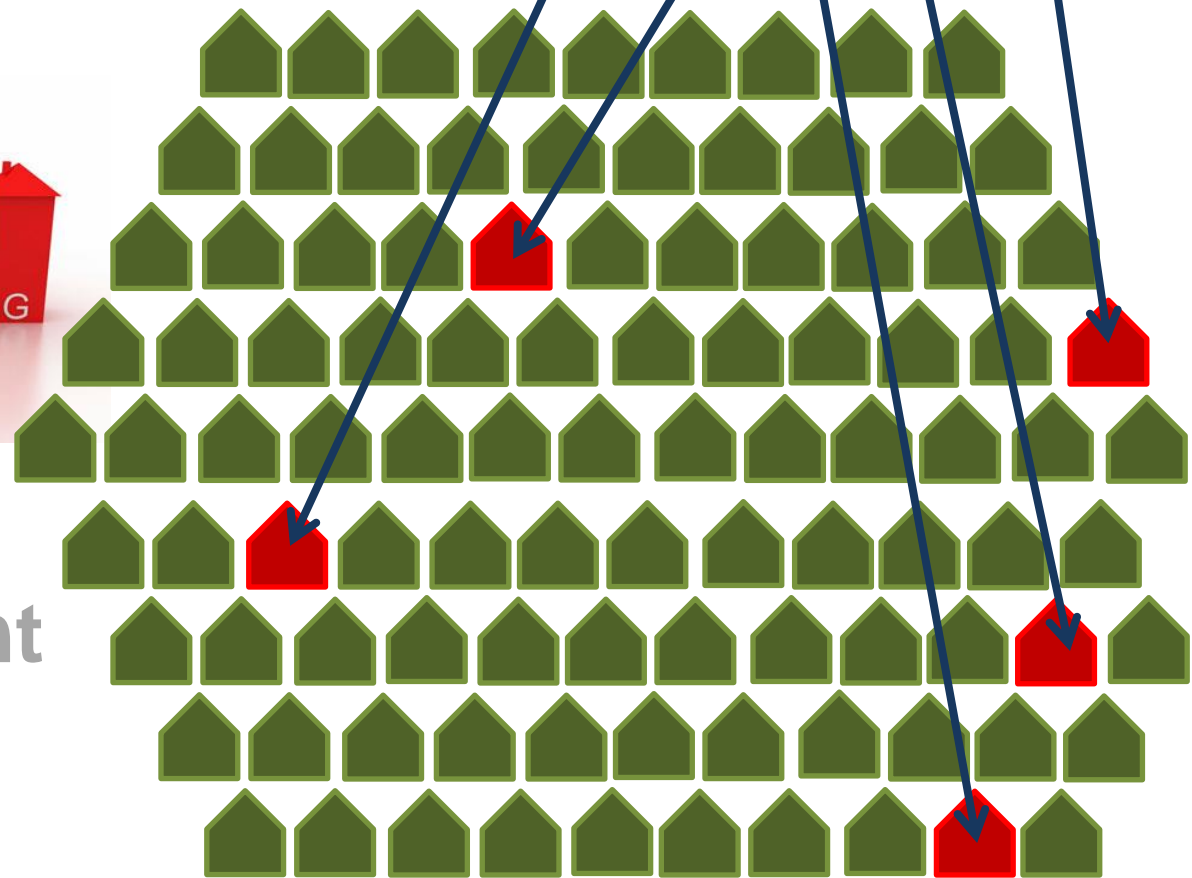
A Factor 5  
Improvement

2050

# Success!

40 kWh/m<sup>2</sup>/year

## Note That Not All Buildings Have Been Renovated



A Factor 5  
Improvement

# 2050

## **REDay2013 Will:**

**Deepen Our Understanding of  
How to Achieve Our Objectives  
Inform on Opportunities for  
Europe's Regions  
Facilitate Interaction Between  
Key Stakeholders**



## **Unlocking Benefits:**

**New Local Direct Jobs:**

**Up to 2 Million by 2020**

**Reduced Fuel Poverty and  
Increased Health**

**Significant Boost to Local  
Economy and Recovery**

## Other Information:

**All Presentations Will be Posted  
on REC Website**

**Yes – Extra Piggy Banks Are  
Available (while stocks last!)**

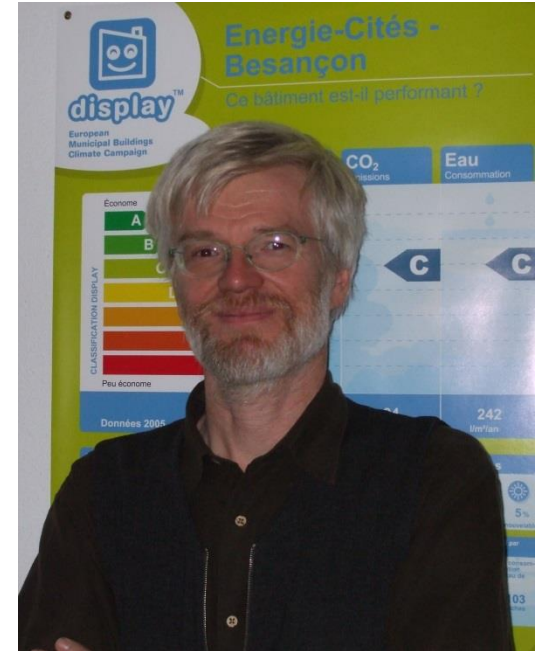
**Don't Forget to Tweet:**

**#euopendays**

**#REDay2013**

**@RenovateEurope**

**Moderator:**  
**Peter Schilken of**  
**Energy Cities**



# Together We Can Achieve the REC Ambition!



[www.renovate-europe.eu](http://www.renovate-europe.eu)