Co-funded by the European Union’s Seventh Programme for research, technological development and demonstration
CITYZEN INVOLVEMENT

The goal is to **motivate** and **empower end-users** to a long term energy saving attitude via:

- serious games
- an energy savings challenge
- monitoring their own energy
- retrofitting houses
- usage of district heat and cold sources
- using an electrical car to store energy
- using home batteries to increase self consumption of solar power
- **Roadshow**
‘The Colin Sustainable Vision’

‘The COLIN Roadshow’ - Belfast

Presented by
Dr Craig Lee Martin (TU Delft)
THE COLIN SUSTAINABLE VISION

BACKGROUND

- Context for roadshow: The Trias Energetica
THE COLIN SUSTAINABLE VISION

BACKGROUND

• Context for roadshow:

Companies
Academics
City
Citizens

ROADSHOW
THE COLIN SUSTAINABLE VISION

BACKGROUND

- Roadshow activities & events over the 5 Day programme include:
  
  Energy Mapping
  
  Design workshops
  
  Mini-Masterclasses
  
  Future Innovation Technology lectures
  
  Tradeshows
  
  Carbon Accounting
  
  Serious Gaming

ITS NOT A COMMUNITY CONSULTATION SESSION!
BACKGROUND: 5-DAY TIMETABLE

City Data
- Pro-forma
- Maps
- Energy Data

SWAT Studio – 2-Week Intensive ‘Onsite’ Workshop in Roadshow City

3 MONTHS

Pre-Roadshow Analysis

‘5-Day’ Roadshow Timetable

DAY 1 (MON)
INTRO

DAY 2 (TUES)

MAP FUTURES

DAY 3 (WED)

DESIGN

DAY 4 (THURS)

EVALUATE

DAY 5 (FRI)

CITY VISION
(OUTRO)

3 MONTHS

Post-Roadshow

TECHNOLOGICAL INNOVATION, PEOPLE & DEMONSTRATION

TRADESHOW

PEOPLE

PRECEDENT

CARBON ACCOUNTING

EVALUATE ROADSHOW METHODOLOGY

‘Future Cities & Their Neighbourhoods’ (Workshop 1)
- spatial & social synergies

‘The City-zen Method’ (Workshop 2)
- energy synergies

WP 4 (INNOVATION IN TRANSITION)

1. MAP
2. REDUCE
3. REUSE
4. RENEWABLES

BACKGROUND: 5-DAY TIMETABLE

TECHNO OUTCOMES

ACADEMIC OUTCOMES
THE ‘ROADIES’:

- Travelling with the Roadshow is an experienced team of internationally renowned sustainability experts, whose specialisms will combine with multidisciplinary stakeholder groups and students from each hosting city.
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK:
THE COLIN SUSTAINABLE VISION

‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK:
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT (LYTHAM)
Future Cities & Their Neighbourhoods' (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT

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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDEDNT
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT
‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT (HARWORTH)
‘Future Cities & Their Neighbourhoods’ (Workshop 1):

DEVELOPMENT WORK: KEY PRECEDENT (KIRKHAM)
# THE COLIN SUSTAINABLE VISION

## ‘Future Cities & Their Neighbourhoods’ (Workshop 1):

**THE 9 ‘LAWS’ OF COLIN:**

| **1.** | **DO NOT NEGOTIATE WITH PAST ERRORS – BUILD A NEW FUTURE |
| **2.** | **CREATE OPPORTUNITY – TAKE RISKS!** |
| **3.** | **WHEN TOO COMPLICATED? PLACE RENEWABLE INFRA-STRUCTURE** |
| **4.** | **CONSOLIDATE URBANITY – BE PART OF A CITY …** |
| **5.** | **GREEN SPACE IS NOT ALWAYS GOOD, SURROUND IT!** |
| **6.** | **SUCCESSFUL STREETS ARE SLOW, CULTIVATE CONGESTION!** |
| **7.** | **RESPOND TO ENVIRONMENT** |
| **8.** | **ENCOURAGE GOOD BEHAVIOUR** |
| **9.** | **LOCAL NOT GLOBAL!** |
THE COLIN SUSTAINABLE VISION

‘Future Cities & Their Neighbourhoods’ (Workshop 1):

ST COLMS SCHOOL:
THE COLIN SUSTAINABLE VISION

‘Future Cities & Their Neighbourhoods’ (Workshop 4):

ST COLMS SCHOOL:
THE COLIN SUSTAINABLE VISION

‘Future Cities & Their Neighbourhoods’ (Workshop 1):

THE 9 ‘LAWS’ OF COLIN: SITE INTERPRETED
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

STRATEGY
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

SECTION PROPOSAL

proposed colin town centre section
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):

STREET SECTION
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‘Future Cities & Their Neighbourhoods’ (Workshop 1):
URBAN FARM SECTION
‘Future Cities & Their Neighbourhoods’ (Workshop 1): 3D VISUALISATION
‘Future Cities & Their Neighbourhoods’ (Workshop 1):

THE NUMBERS:

- 350 homes
- 35 shops
- 18 purpose buildings
- 3 x urban farms
- 1 x human space
- 1 x electric car share
- 1 x health centre

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