Project Planning 12/03 – 29/03

Work to Finish

- **Geothermal**
    - Validate
    - W/m^2 evaluation
    - More plant types (?) (for lower temp reservoirs)
- **Wind**
    - Selection of turbine for analysis
    - Spacing – W/m^2 evaluation
- **Solar**
    - ?
- **Demand**
    - 3 scenarios + definitions

Work to Do

- **Policy Analysis**
    - Our proposed policy changes
        - Details, implications, potential area increase & viability of change
    - Would our changes fall within any existing development plan(s)?
    - 3 earmarked windfarm sites
        - Size, purpose, planning permission required, part of development plan?
    - Current plans for vacant/derelict land that we are considering?
    - Contact sustainable transport team
        - Need to know what to ask
    - Creating new policy
        - Dedicating % of V/D land for renewable energy generation
        - Is this feasible?
- **Plan for expansion of EV charging network**
    - Co-location near generation sites
    - Layer on GOMaps?
    - Plan for 3 scenarios – 3 stages for expansion
- **Analysis of additional generation areas**
    - Car park PV canopies
        - Completed for CBD
        - Assess whether we can expand this
    - Roads/pavements?
    - Roofs of public buildings?
    - Surrounding farmland for Wind
    - Other possibilities/technologies
    - Photomontage of example sites
- *Financial Analysis*
- *Environmental Impact*
- *Finalise DST with Visual Basic*
- *Website*

Presentation Planning

1. Meeting to discuss layout/content of presentation
   a. Introduction, project definition & 'final answer' is KEY!
   b. What are key messages/POI from each section
2. Individual planning of each section
   a. Refine key messages into concise/summarised form (with necessary graphs/diagrams clearly labelled)
   b. Review descriptions/explanations of POI's
      i. Clear descriptions
      ii. Back-up with WHY we did this/are showing these etc
3. Plan demo of DST
   a. RAPID PROTOTYPING – we pick the numbers, we already know the answer, it'll work on the day
   b. Demo/description of supply tools may not require such high-detail – but explain why we had to develop our own tools
   c. Result will feed into our "Final Answer"

Following Joe Meeting 19/03:

- Fix Intro/Definition/Demand parts with notes from Joe
- Look ahead to next portion of the project to pre-emptively fix presentation
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New Roles

- **Policy Analysis:**
- **EV Network Expansion Plan:**
- **Additional Generation Areas:**

Work Schedule

- Wed 13/03 – Sun 17/03:
  o Progress on workload from new roles
  o Findlay start to plan presentation over weekend
- Mon 18/03 – Tues AM 19/03
  o Presentation Planning 1 + 2
  o Rehearse presentation points to joe
- Wed 20/03 – Thu 21/03
  o Presentation Planning 3.
  o Continue with new roles workload – hopefully have some progress to share at crit.
- FINAL CRIT Thu 21/03
  o Should be same as final run-through of industry day presentation
  o Nail parts that have been finished by now
    ▪ Supply
    ▪ Demand
    ▪ DST & Demo
  o Aim to have policy analysis completed

- Final Meeting before Break Thu 28/03
    - Update on progress made from further work
    - Identify things still to finish – NOT things still to be started/considered
    - Website
    - Set date/time for next meeting