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SUB WORKING GROUP 2 –Contribution 8

Source: Spain

Title: Proposal of prompt act on surge in Energy consumption

Abstract

Spain recognizes the risk of the explosive increase in energy consumption. This contribution proposes that resource should be spent on human resource training in smart city program.

Rationale

Today, the world is facing the fear of the explosive increase in energy consumption by 2050. The United Nations reported the following 3 reports that all indicates the rapid increase in energy consumption.

1. Increase in population: the world population is over 7 billion in 2011 and will exceed 9 billion by 2050.
2. Urbanization: the population in the city will increase from 45% in 2010 to 70% in 2050.
3. Expansion of the middle class: the ratio of the middle class will increase from 50% in 2010 to 65% in 2050.

We recognize the importance of proposed 5 program themes, but we emphasize that we need to act promptly to work on smart city program globally. For such an urgent issue, more resource should be spent for more practical method to install the smart city. In order to run and design the system smoothly, training sufficient number of technicians and engineers, who can run the system is in urgent need.

Proposal

Spain proposes the following

- Smart city should be executed in the CBCs, due to the reason mentioned above.
- Larger resource should be given for Smart city development.
- In order to train technicians and engineers promptly, more than 80% of the resources should be used for human development and 20% for knowledge sharing.
- The extra cost should be covered by all countries, that is on the basis of the GDP in 2013, without ceiling nor floor.

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