

Although the four strategic thrusts such as the e-Government platform, paperless solution touched on some measures in Green strategy, it is suggested that a separate one to actualize the vision of “Add Green to ICT, and Use ICT to Green” is required. These suggestions involve the collaboration with other Departments such as OFCA, Road Dept, Education Bureau, and Agriculture & Fisheries. OGCIO can take the lead to actualize these initiatives:

1. Green standard for Data Center: The Government has been helping the Industry to build HK into a Data Center Hub in the Region. There is not an explicit Green policy/standard for Data Center. It is proposed that a task group can be formed to formulate a guideline, and promulgate its adoption through some tax incentives.
2. Designated areas for mobile antenna: Searching antenna sites is always considered the obligation of individual mobile operators. If the Government can rent out some designated area such a roof top of Government buildings for such purpose particularly in those newly developed towns at market rate, it not only helping the Industry to ensure the coverage, but also reducing the mobile wave pollution for residents living near the roof top and safeguard the health of the General public.
3. Common antenna in Country Park hiking trail: Regret that lost hikers could not call for help in many blind spots in our hiking trail because there is no mobile network coverage. It is not economic justified for a single operator to bear the construction cost in those rural areas. If the Government can build a common antenna & rent it to all the mobile operators, we can build HK into the most beautiful & safe hiking city in the Region.
4. Smart lamp post: The light intensity of the lamp posts (preferable LED) can be adjusted through sensors and central control according to traffic condition during night time as part of the IoT initiatives mentioned in the Paper. There will be a substantial reduction in carbon footprint.
5. Smart meter at schools: Protecting our planet should be begun at schools. The two Power Utilities Companies has been testing the Smart meter in residential. If the smart meters are installed in each classroom, and student can visualize the power consumption every day, it can increase their awareness, and thus reduce the consumption both at school & home. Programming to control the lighting and air-con can be part of the curriculums as mentioned in the Paper.
6. Green Building: The LSCM has been working with the Construction Industry in adopting the RFID technology to strengthen the safety, material/people traceability, and efficiency. However, it seems that promoting LEED standard to encourage Green construction & building is not in the agenda. OGCIO can collaborate with LSCM to define & implement the Green standard/guideline for Government construction projects as it involves a lot of ICT in the scope.
7. Renewable energy: The ROI of using solar energy is not justified particularly for private company and house. Government can consider offering some subsidy or tax incentives to encourage this initiative. Again, this may be started from the Government buildings first.