

What we learnt from this SE4ALL Workshop

Panasonic



- Site Visit to Panasonic Tokyo Shiodome Building
 - Advanced technologies like circadian lighting coupled with personalized a/c
 - Saves energy
 - Offers better indoor air quality, comfort and controllability for occupants

Look forward to promoting such technology in Singapore

What we want to focus on / develop

- Key area under 3rd Green Building Masterplan:
Occupant & Tenant Engagement



Green Mark Schemes For Within Buildings

- BCA Green Mark for Office Interiors
- BCA Green Mark for Restaurants
- BCA Green Mark for Supermarkets
- BCA Green Mark for Retail
- BCA Green Mark for Laboratories *(upcoming)*



S\$50m Incentive for Existing Building and Premises

To encourage building owners & tenants to undertake EE Improvement Works

What we want to focus on / develop

- Trend towards Zero Energy Building
 - E.g. California, Japan
- Greater challenge in the tropics
 - Renewable energy like solar
 - High humidity conditions
 - Dehumidification very energy intensive
 - separate latent and sensible cooling
- Positive energy for low rise,
- Zero Energy for medium-rise
- Low energy for high-rise



Request to Advisory Organisations

- ECCJ/METI/Leading Japan companies
 - To use Singapore as a test-bed for EE technologies in the tropics
 - E.g. Daikin's DESICA element
- Greater engagement with local industry to support EE movement

