

SOUTH EAST

ENGLAND

Regional Assembly



Mike Gwilliam

Director of Planning & Transport

South East England Regional Assembly



South East England Regional Assembly

Proposed Alterations to Regional Planning Guidance, South East – Energy Efficiency and Renewable Energy



Harnessing the Elements

MAY 2003



South East England Regional Assembly

Harnessing the Elements



Supporting Statement to the Proposed
Alterations to Regional Planning
Guidance, South East – Energy Efficiency
and Renewable Energy

MAY 2003



Regional Strategy

(Proposed Alterations to RPG9)

Policy Themes

- **Increasing energy efficiency**
- **Increase use of Combined Heat & Power**
- **Promote and facilitate renewable energy**
 - **Regional and Sub-regional targets**
 - **Planning guidance**
 - **Criteria for decision making**



Potential in the South East

Targets

- **Increase % installed capacity for electricity generation from renewable sources from very low current level (<1%) to *at least*:**

By 2010: 620 MW (5.5% capacity)

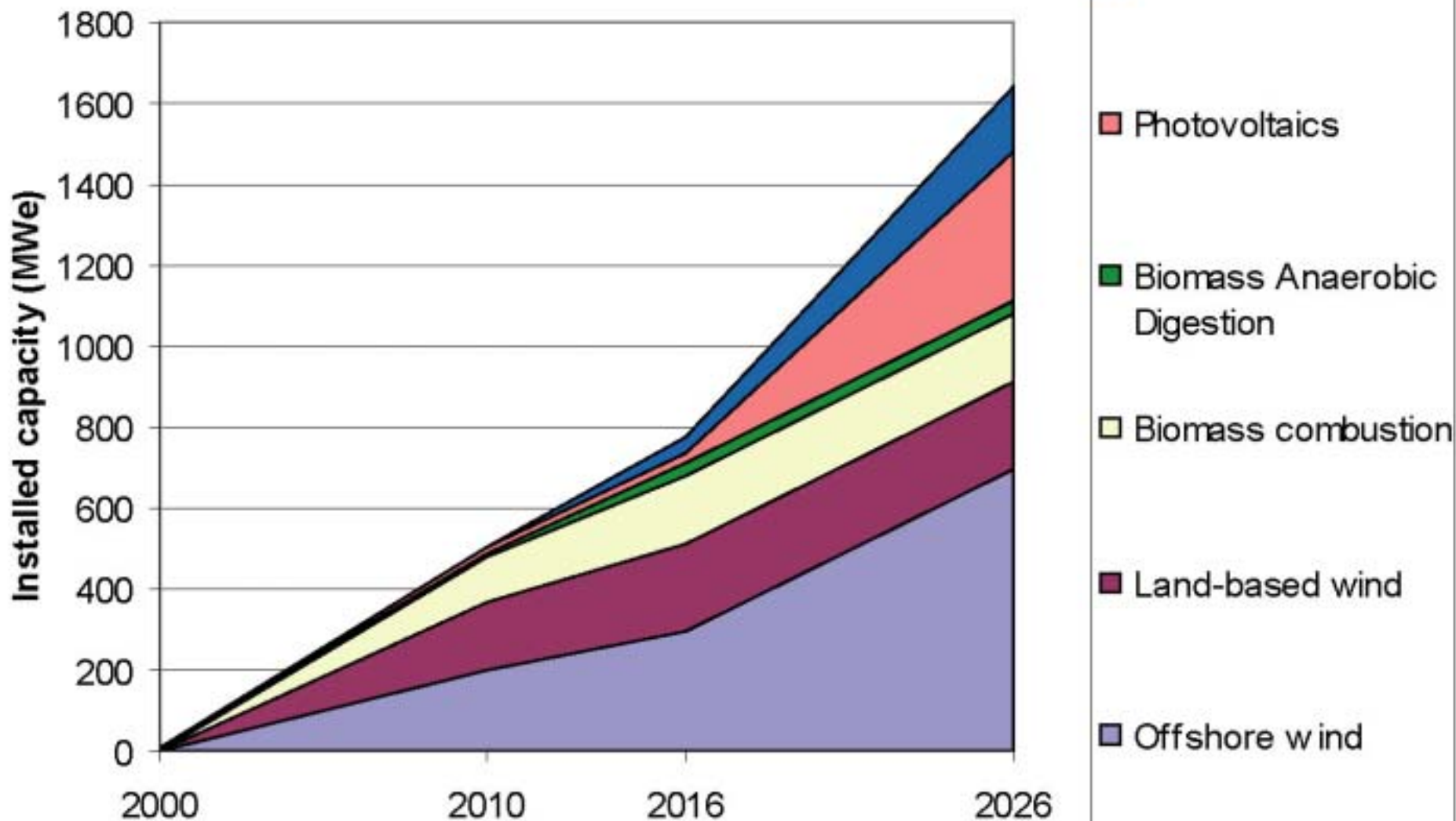
By 2016: 900 MW (8%)

By 2026: 1750 MW (16%)

- **Enough to provide electricity (plus heat) to over 1 million homes, and save 2.5 million tonnes of carbon dioxide per year by 2026**



Indicative Potential Contribution by Major Technologies to Regional Renewable Electricity Generation

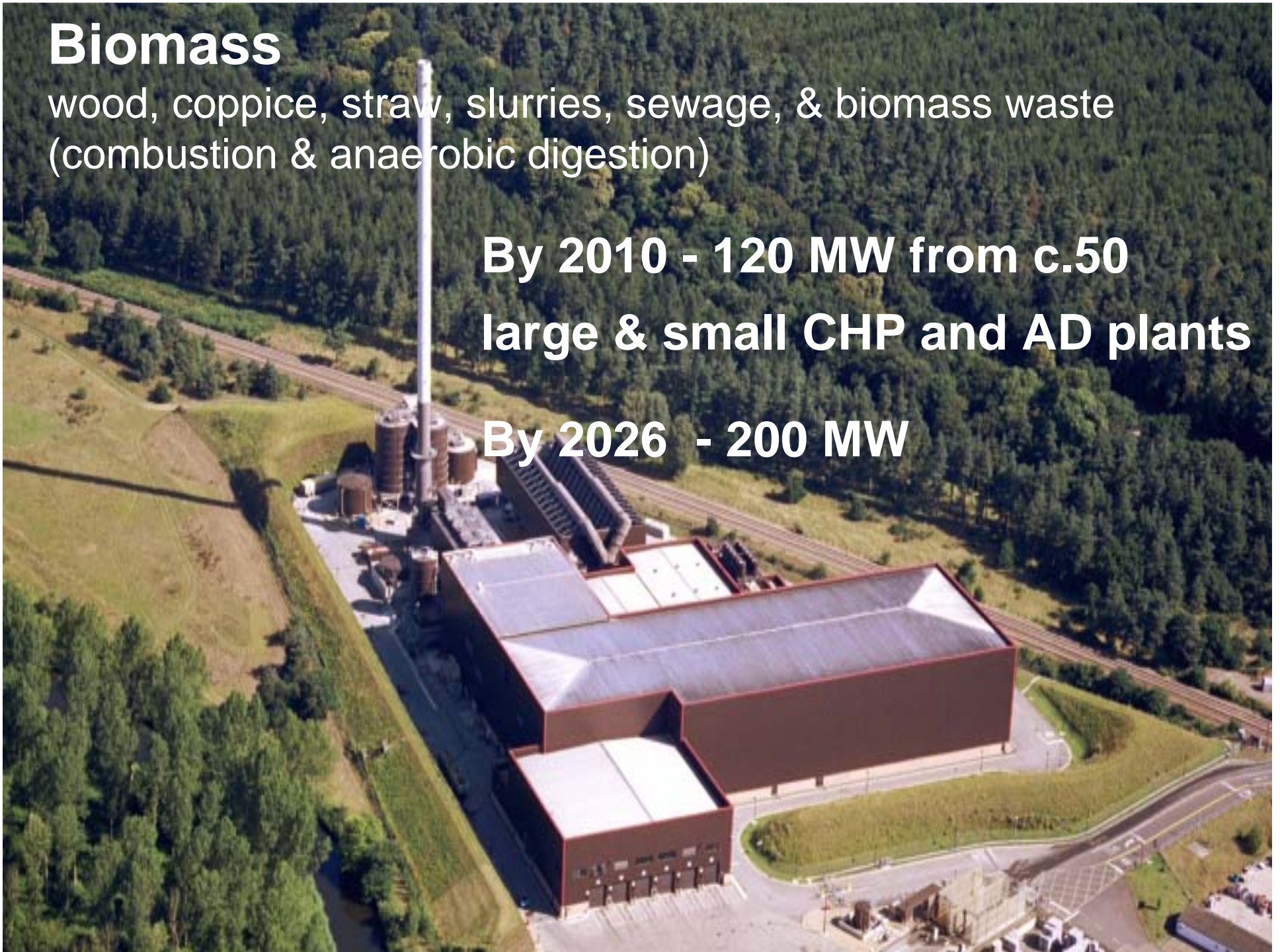


Biomass

wood, coppice, straw, slurries, sewage, & biomass waste
(combustion & anaerobic digestion)

**By 2010 - 120 MW from c.50
large & small CHP and AD plants**

By 2026 - 200 MW



Wind – offshore

By 2010 - 200 MW from c.4 large wind farms

By 2026 - 700 MW from c.8 wind farms

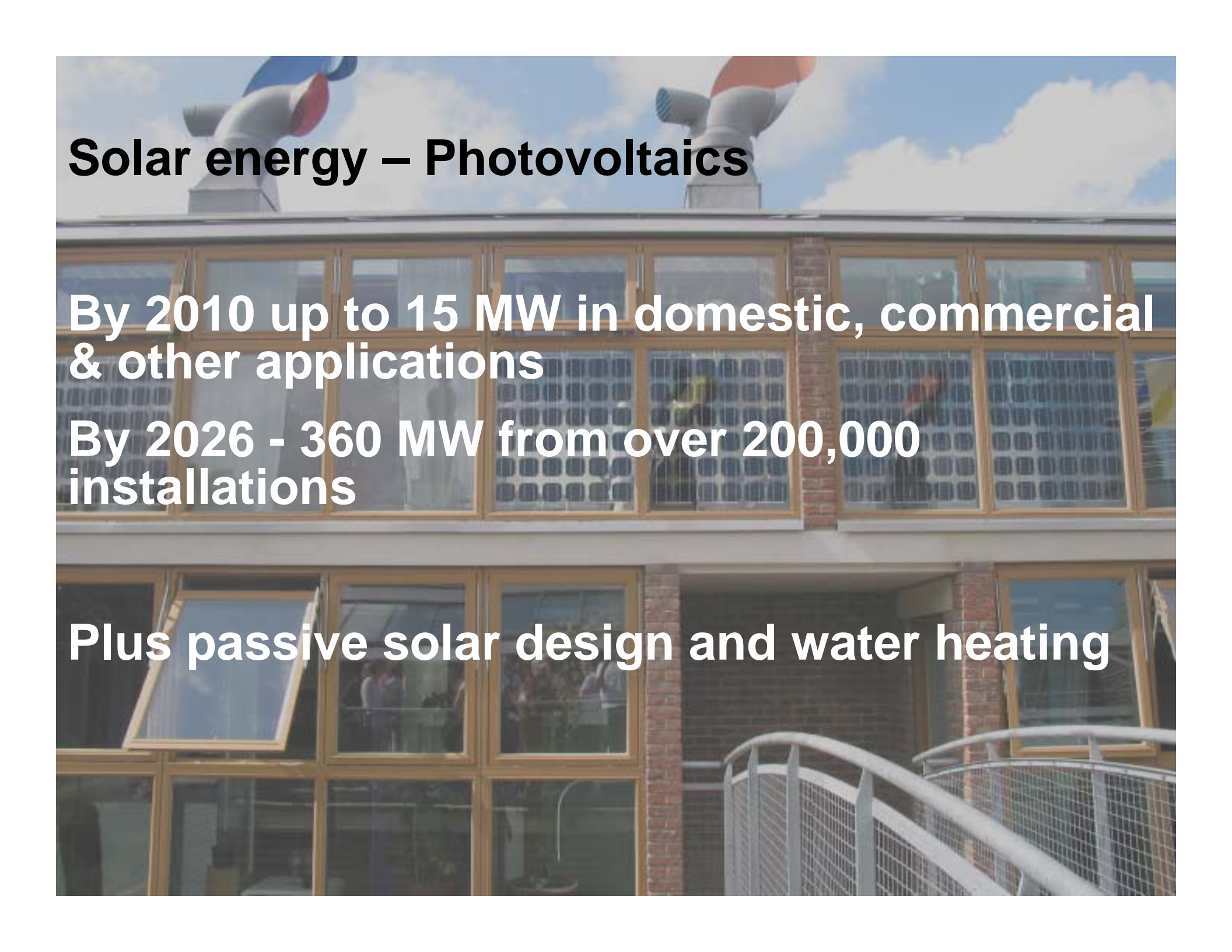




Wind – onshore (land-based)

By 2010 - potential for c.170 MW from mix of wind developments

By 2026 - c.210 MW from 1 large wind farm, 20 clusters, 24 single large turbines and 100 single small turbines



Solar energy – Photovoltaics

By 2010 up to 15 MW in domestic, commercial & other applications

By 2026 - 360 MW from over 200,000 installations

Plus passive solar design and water heating

Progress since last year...

- **Energy White Paper**
- **Extension to Renewables Obligation**
- **Draft new planning guidance PPS22**
- **Regional Strategy consultation & Public Examination**

But...

- **Schemes refused in the region**
- **Slow development of supply chains**

Public Examination - some issues debated

- **How to go beyond the Building Regulations eg BREEAM standards**
- **Deliverability of targets and development of technologies esp. offshore wind and marine, biomass**
- **Need for more local targets?**
- **Role of energy-from-waste:**
 - **composting vs energy recovery**
 - **role/status of landfill gas**



Public Examination - some issues debated

Consistency with PPS22?

- Overall very good, but one major issue:
 - Identification of areas for development of different technologies
 - at regional or local level?
 - how to do it & is it useful?



Public Examination - some issues debated

Implementation:

- **Planning is only one mechanism**
- **PS22 & Regional Strategy encourage more proactive approach**
- **Are local authorities able/resourced to deliver?**
- **Can SEEDA & other agencies do more?**
- **Need for a fuller implementation plan?**



Next Stages

- **Panel reports to Secretary of State/Government Office**
- **Alterations to RPG9 published**
- **Assembly will include policies in new Regional Spatial Strategy – part of the statutory development plan**



**Need now for ACTION
rather than words...**

**Only 367 weeks to go to
2010!**



SOUTH EAST

ENGLAND

Regional Assembly

