



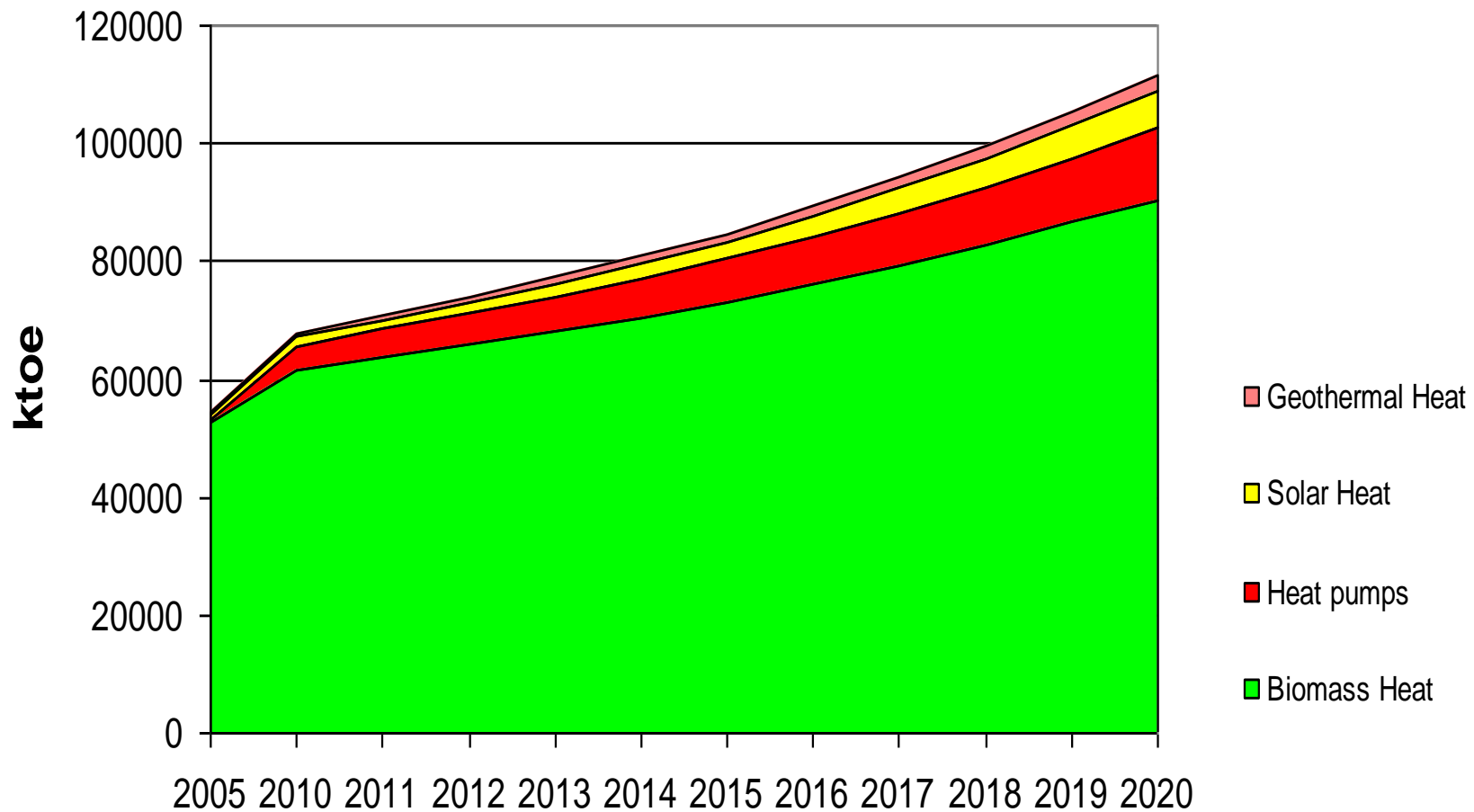
Boosting renewables in the heating market

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- **The sleeping giant - awoken**



● Technology breakdown – heating/cooling:



● The sleeping giant – unwell?



Administrative measures – Art. 13 & 14

- ❖ Member States shall ensure that
 - authorisation, certification and licensing **procedures** for plants and infrastructure are streamlined, proportionate and necessary
 - with simplified procedures for small or decentralised projects where appropriate
 - **responsibilities** for such procedures are defined and coordinated between local, regional and national bodies, with transparent timetables and provision of information on processing and assistance
 - **rules** for these procedures are objective, transparent, proportionate and non discriminatory
 - associated **administrative charges** are transparent and cost related
- ❖ **Technical specifications** of equipment (for support) shall be clearly defined, based on European standards and should not constitute a barrier to trade.
- ❖ Member States shall recommend that local and regional bodies ensure the use of renewable energy when **planning**, designing and building industrial and residential areas and infrastructure
- ❖ Member States shall introduce appropriate measures in **building regulations and codes** to increase the use of renewable energy in buildings
 - including minimum levels of renewable energy in buildings
 - public buildings should be “show cases”
- ❖ Member States shall **promote energy efficient** renewable energy equipment e.g. efficient conversion of biomass, compliance with eco labels for heat pumps and solar equipment...
- ❖ Member States shall ensure **information** on support measures is publicly and widely available, including
 - information on costs, net benefits and the energy efficiency of equipment
 - practical information and awareness-raising guidance on renewable energy equipment
- ❖ Member States shall ensure that **certification schemes** for equipment installers are available by 2012
 - based on common guidelines (Annex IV) and with mutual recognition of qualifications
 - information on these schemes shall be publicly available
 - lists of qualified installers should be available
- ❖ **Guidelines** (for planners, architects etc.) on optimising the use of renewable energy and energy efficiency shall be provided

Selected Commission support

- Transparency platform (key texts, Commission documents):
http://ec.europa.eu/energy/renewables/transparency_platform/transparency_platform_en.htm
- Summary of NREAPs: www.ecn.nl/units/ps/themes/renewable-energy/projects/nreap/
- Concerted action: <http://www.ca-res.eu/>
- REPAP (industry roadmaps & evaluation of NREAPs): <http://www.repap2020.eu/>
- RESHAPING (support schemes, coop. mechs: <http://www.reshaping-res-policy.eu/>
- RESforLESS (just starting)
- Guarantees of origin: <http://www.e-track-project.org/project.php>
- Grid management & development: DG ENER study (contact “eclaron”)
- Developing the offshore grid: <http://www.offshoregrid.eu/>
- Removal of non cost barriers study & RES financing study:
http://ec.europa.eu/energy/renewables/studies/renewables_en.htm
- Removing barriers to wind integration: <http://www.trade-wind.eu/>
- Maritime spatial planning reform: <http://www.seanergy2020.eu/links/>
- Addressing PV barriers: <http://www.pvlegal.eu>
- Planning and financing to improve public acceptance: <http://www.resshare.nu/en/resshare/home>
- Installer certification regimes: <http://www.qualicert-project.eu/>

● **Fit, and strong**

