

Energy saving lighthouse cities for the NPA region - e-Lighthouse -project



e-Lighthouse - general background



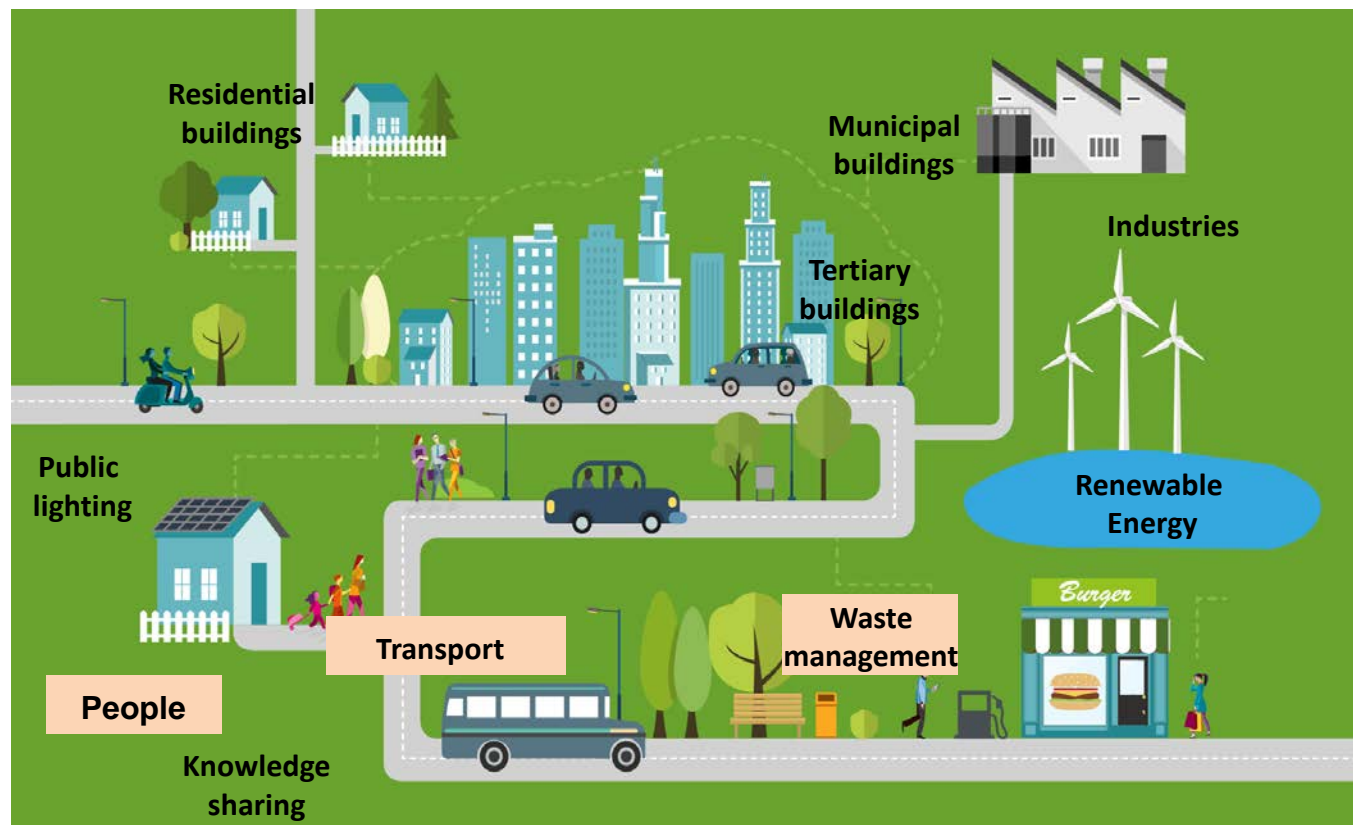
United Nations
Framework Convention on
Climate Change

- 137 countries joined to UN Paris 2015 Agreement
- European Union encourages and supports energy saving with guidelines in its EU 2020 Strategy 20-20-20
- Cities and municipalities can voluntarily join Covenant Mayors –consortium (6500 signatories) in order to publicly commit energy savings in their operations → SEAP (Sustainable Energy Action Plan)

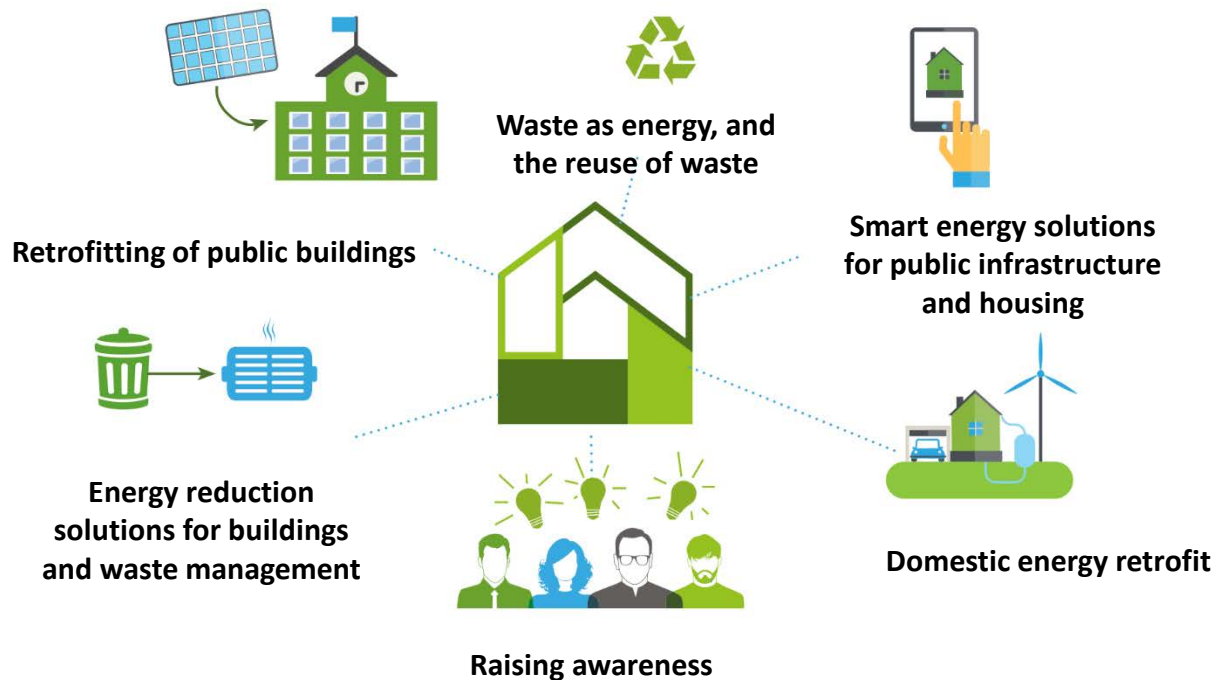


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Energy in Communities



Key tasks of e-Lighthouse project



e-Lighthouse - expected results

WP M - Project Management

WP C - Communication activities

WP T1 Energy saving in
municipal buildings and
lighting

WP T2 Energy efficiency for
domestic renovation and **new**
buildings

WP T3 Improved **waste**
utilization: Waste for energy and
reuse

WP T4 Evaluation, validation of transnational practises

WP	WP title	Results	
WP1	Management	High quality project	
WP2	Communication, dissemination	15-20 seminars & workshops in NPA region 600,000 inhabitants reached (awareness raising)	
WP T1	Energy saving in municipal buildings and lighting	<u>250 public buildings retrofitted</u> (5% less energy, 3% more renewables), 40 deep renovation	
WP T2	Energy efficiency advice and energy saving for domestic renovation and new buildings	<u>2500 houses retrofitted</u> (25% better energy efficiency) <u>2000 new houses</u> with better energy qualification (10%)	
WP T3	Improved waste utilization: Waste for energy and reuse	Reduce energy use by 15% in waste management, with 20% less CO2 emissions	
WP T4	Evaluation, validation	5 smart solutions piloted	