



e-trikala



Harry Kalliaras

Advisor to the Mayor,
Trikala

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The **Vilawatt** ^{UTM} influence in local level...

Empowering people through energy transition

- ✓ Energy Transition Strategy – Trikala 2030
- ✓ EU Mission 100 Climate-Neutral & Smart Cities
- ✓ A Concrete Investment Plan
- ✓ Initiatives in Local Level

The Energy Transition Strategy “Trikala 2030” ...



5 Pillars

1. Energy Saving
2. Energy Independence
3. Energy Production & Storage, RES & Smart Grids
4. Zero carbon transportation
5. Sustainable model city



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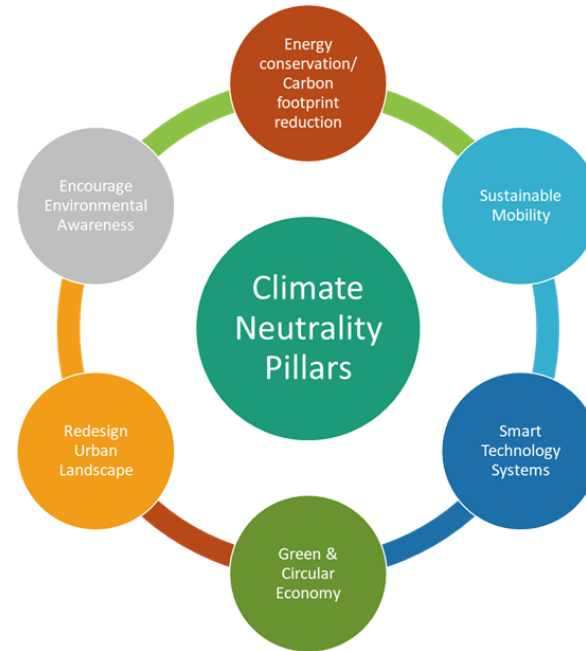
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EU Mission 100 Climate-Neutral & Smart Cities...

The Climate Neutrality Pillars for Trikala...



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The Investment Plan...

31 Actions...



- Adopt the PH standard in order to achieve the NZEB/ZEB targets
- Establish energy poverty office
- Collaboration with local banks for retrofitting financial instruments
- Energy upgrade of municipal lighting system
- From Consumer to Prosumer
- Hub for Energy Transition and Climate Neutrality
- Supporting of cutting edge start ups
- Common management network of RES in local level
- Mandatory RES installation in every new municipal building
- Installation of a public charging station
- Promoting a circular economy that reduces consumption
- Low Carbon Diet System
- Promotion of participatory energy democracy
- Establish Energy Communities



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[Initiatives in Local Level...

- i. Construction of a 4,6 MW PV System for the Energy Independence of the Municipal Water and Sewage Company
- ii. Electric Vehicle Charging Plan of 74 fast chargers in the City and 8 POI
- iii. Tackling the energy poverty through the “Parkaro & Voltaro” parking management system
- iv. Establish with 6 other Municipal Legal Entities an energy community, in order to achieve energy independency through the exploitation of the RES
- v. 11 m€ will be invested for the energy retrofiting of 14 municipal buildings
- vi. Partner in 2 Competency Centers (Hellenic Energy Competence Centre and πNET)
- vii. Monitoring and reduction of energy consumption in municipal buildings
- viii. Recording & monitoring of the City energy balance
- ix. Energy storage systems in hydrogen fuel cells
- x. Climate City Contract is under planning



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2021



2030



2050

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