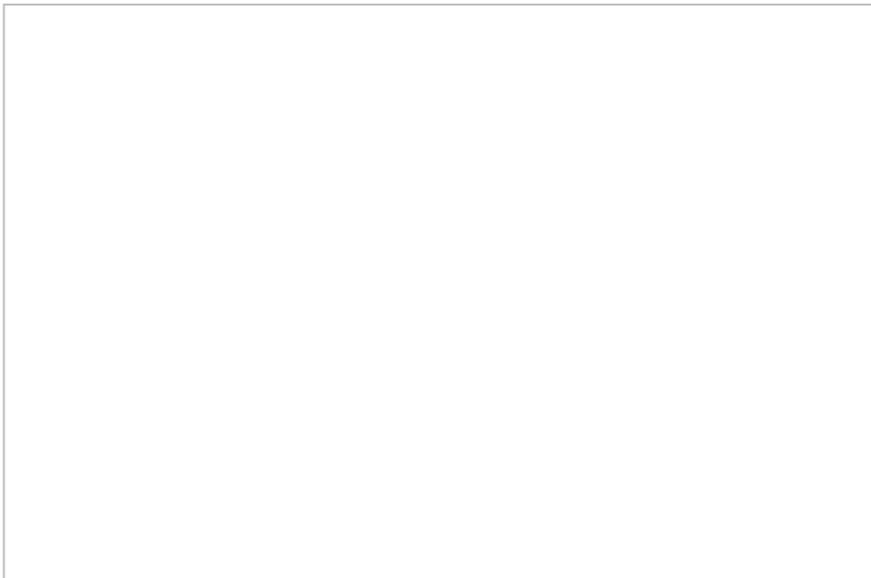


## Implementing an energy-saving program in TECHNIPETROL HELLAS premises

TECHNIPETROL HELLAS (TPLH) S.A. expands further its sustainability ambition through improving the energy efficiency performance of its new premises by adopting an energy saving program.



Description of the case study:

At Technip, we strive to continuously improve the long-term sustainability approach in our activities and ensure a responsible and positive contribution for all our stakeholders and the environment they live in. The vision of Thierry Pilenko (Chairman of the Board and Chief Executive of Technip) is Technip “to become the reference company in Health, Safety, and the Environment”. In order to achieve its targets Technip has launched the Pulse program globally in 2008, aiming at developing an HSE (initials standing for: “health”, “safety” and “environment”) commitment strategy to the highest standards for the health, safety as well as the protection of the environment in the working and living communities. In more detail, the Pulse Program focuses on and develops skills in areas having impact on HSE performance such as core values, leadership style, behaviours, HSE awareness and communication.

TECHNIPETROL HELLAS (TPLH) S.A. is a Technip Engineering Operating center since 2003, located in Metamorfosis in the city of Athens, Greece and has approximately 70 employees. Apart from the credentials received (ISO 14001:2004, ISO 9001:2008, OHSAS 18001:2007) for conforming to standard operation procedures throughout its core activities, TPLH has recently (in 2013) implemented an energy saving program aiming at enhancing energy efficiency in its new premises in Greece, through the installation of efficient equipment & energy smart technologies and engaging its personnel in adopting responsible behavior patterns towards energy consumption. The program included the following actions:

- Encouraging and educating staff to switch off lights, computers, photocopiers and other electrical equipment at night.
- Ensuring that lights and non essential equipment are turned off when not in use.
- Putting the monitor to sleep mode rather than use screen savers since they often

consume more energy.

- Encouraging using stairs instead of elevators when moving from one floor to another.
- Start keeping a monthly account of how much energy is used by the office and set targets for reducing consumption to a practical level.
- Considering energy-efficiency when purchasing new equipment.
- Signs to remind to keep external doors and windows closed.
- Energy Performance Certificate (Building Energy Certification) issued.
- Installation of double glazing windows.
- Installation of dimmers and sensors for the lights of the parking areas and the toilets.
- Optimum settings and proper maintenance of the ventilation system.
- Installation of curtains and shades for the windows.
- Use of diesel vehicles (lower fuel consumption)

Since the above action plan entered into function right after the relocation to the new premises, an accurate estimation of the relative reduction in energy consumption derived from above mentioned actions cannot be deduced. Nevertheless according to the first year of energy recordings in the new premises (for 2013), energy consumption amounted to 1.7 KWh/man•hour worked, which is in line with Technip Group average energy consumption in the offices.

What was the type of green solution? Please select the type of solution.:

[Technology/Product](#) [1], [Training](#) [2], [Organisational methods and \(green\) business plans](#) [3]

What does the featured solution contribute to?:

Resource efficiency

Which technology area(s) does the case study belong to?:

[Resource efficiency](#) [4], [Energy efficiency](#) [5], [Buildings](#) [6], [Building automation](#) [7], [Lighting](#) [8]

How was the green solution financed?:

[Private funds](#) [9]

Energy consumption description:

1.7 KWh/man•hour worked

Operating and maintenance costs:

Yes, low O&M costs

Would you characterize the green solution as:

Medium to low capital intensive investment (i.e. €3,000 -€10,000)

Partners:

Company name

- [TECHNIPETROL HELLAS S.A.](#) [10]

Relationship type:

Company that went 'green' by adopting the green solution

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**Source URL:** <http://greeneconet.eu/implementing-energy-saving-program-technipetrol-hellas-premises>

## Links

[1] <http://greeneconet.eu/type-green-solution/technologyproduct>

[2] <http://greeneconet.eu/type-green-solution/training>

[3] <http://greeneconet.eu/type-green-solution/organisational-methods-and-green-business-plans>

[4] <http://greeneconet.eu/technology-area/resource-efficiency>

[5] <http://greeneconet.eu/technology-area/resource-efficiency/energy-efficiency>

[6] <http://greeneconet.eu/technology-area/buildings>

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