


Event:  
Date:  
Place:

**Technical Seminar**  
Thursday April 11, 2019  
Wyndham Grand Athens Hotel



<b>#</b>	<p><b>Georgios Karampatos</b> Electrical Engineer, MSc., MBA, CSAP, EUREM, PM-IPMA-D</p>	
Title:	Energy & New Technologies Supervisor	
email:	gkarampatos@ab.gr	•
Presentation title:	<b>Energy Efficiency Measures in super markets</b>	
<p>The implementation of an effective and efficient Energy Management is essential in AB Vassilopoulos facilities due to limited resources, rising energy costs as well as increased environmental requirements.</p> <p>When an organization takes the decision to initiate a strategy in order to mention its commitment to Corporate Social Responsibility, it typically must deal with a wide variety of factors such as working conditions, environmental impacts, employment practices, customer behavior and procurement policies which strongly influence the daily operation of its facilities.</p> <p>Moreover, buildings play a significant role in supporting the strategy in condition of how they are constructed, operated, maintained and managed. Sustainable buildings conserve energy and natural resources.</p> <p>In order to keep the performance of our company at a high level we have categories such as planning, leadership, Process Management, Focus on customers, Measurement and Analysis, Workforce Development as well as Process Management.</p> <p>In alignment with our sustainable organizational strategy we have invested in energy projects more than 2 million within last three years in order to improve the efficiency and effectiveness of our buildings. In particular, we have retrofit our existing stores, offices and distribution centers with new LED luminaires, we have implemented new natural and environmental friendly refrigerants with lower GWP in our refrigerators in the stores. Furthermore, we have installed doors on the cabinets of our refrigerators in order to reduce the energy consumption. In addition to this, we have installed a smart control system for HVACs in order to optimize the performance and fulfill the customer needs.</p> <p>Moreover, we have installed an integrated Building Management Systems (BMS) in order to monitor, control and adjust the energy consumption of our facilities. We have also installed a smart control system in order to monitor the temperature of our products and to optimize the operation of our refrigerators. Finally, after the evaluation process of our measurements we have optimized the operation of transformers and compensation capacitors in the substations.</p> <p>Based on our long term CSR Strategy plan we have succeed in reducing the energy consumption by 24% and mitigate the Green House Gas Emission (GHG) by 52% in accordance with baseline year 2008.</p> <p>Following the mission of our CSR Strategy the facility management organization will continue to be responsible for providing a safe, secure, efficient, productive, sustainable and healthy</p>		

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environment for our employees, our customers and all other stakeholders within next years in order to reduce the carbon footprint of our organization.

CV:

Georgios Karampatos is Energy and New Technologies Supervisor at AB Vassilopoulos S.A company. He is responsible for the Energy Management, for efficient and sustainable operation of 320 facilities. He has worked for more than 18 years in the industry sector at Bosch Siemens Household appliances and Schneider Electric company in the field of Research and Development, industrial engineering, maintenance and facilities management. He received his Master in Science in Electrical Engineering from University of Patras. He also received his Master in Business Administration from National Technical University of Athens and Athens University of Economics and Business. He received his Master in Science in Economics from Hellenic Management Association. He is certified as European Energy Manager from Hellenic German Chamber of Commerce and Industry and as Project Manager from IPMA institute. He is a Certified Systemic Analyst Professional in Project Management from University of Piraeus and Certified in Coaching from National and Kapodistrian University of Athens. He is also certified in Business strategy and Financial Accounting, Cost Analyst and Lead Auditor in management systems ISO 9001, ISO 14001, OHSAS 18001 and ISO 22301. He has a successful qualification as a validator of EFQM model.