

# VISIONS - LIFE19 ENV/GR/000100

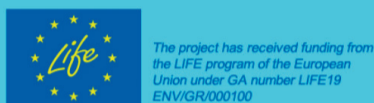
InnoVative photocatalytic paintS  
for healthy envirOnment and eNergy Saving



InnoVative photocatalytic paintS  
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Improve  
indoor Air Quality

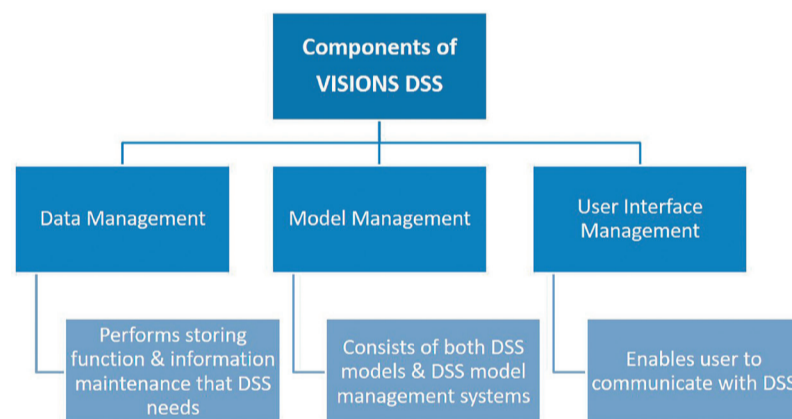
Save energy  
using innovative photocatalytic paints



**VISIONS DSS Platform** is developed in the framework of the LIFE VISIONS project as a multi-criterion IT modular tool in order to provide predefined possible solutions for estimating the effects of photocatalytic application.

## Attributes of VISIONS DSS platform

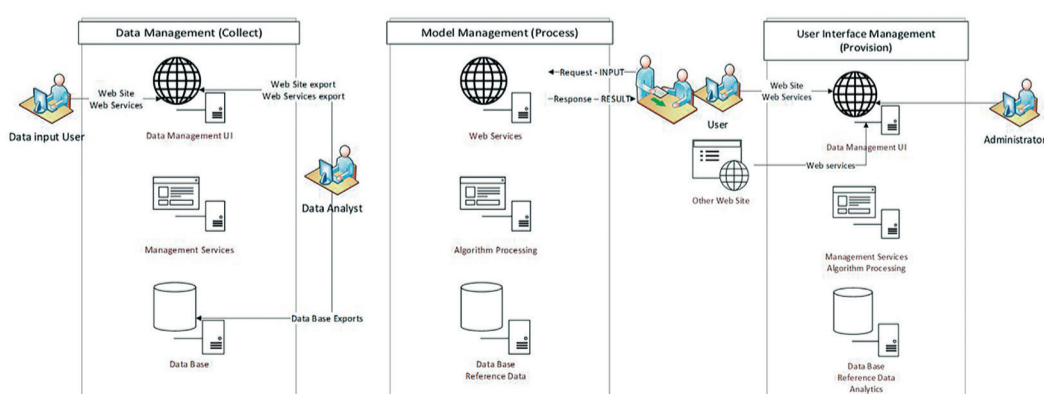
- Adaptability and flexibility
- High level of Interactivity
- User friendly
- Efficiency and effectiveness
- Ease of development
- Support for modeling and analysis
- Support for data access
- Standalone, integrated and Web-based



## Objectives of the VISIONS DSS

### Support for decision-makers

- Problem diagnosis related to a particular product
- Comparison of improvement variants of a given product
- Design of new products
- Best practice between a number of existing comparable products



**Description:** The main scope of the project is the production of an innovative photocatalytic paint, which aims at improving the quality of the indoor environment while it will enable significant energy savings in buildings.

### Budget Info:

Total amount: 1,403,752 Euro (% EC Co-funding: 54%)

**Duration:** Start: 07/09/20 – End: 06/09/23

## Support for intelligence, design, choice and implementation

- **Intelligence:** Systematic & continuous search for conditions that will generate better decisions
- **Design:** Developing & Analyzing possible alternative actions and evaluating the pre-existing or future generated actions
- **Choice:** Selecting a set of actions generated by well structured & stable algorithms
- **Implementation:** Adopting the selected set of actions in decision situations

## Benefits of the VISIONS DSS

- Improves efficiency and speed of decision-making activities
- Increases the control, competitiveness and capability of future decision-making
- Facilitates communication
- Encourages learning or training
- Reveals new approaches and sets up new evidences for an unusual decision
- Helps automate managerial processes
- Allows integration of existing & new models and tools in a modeling chain supporting Air Quality and Energy Policies option assessment

**VISIONS DSS Platform** intends to serve as a web-based Guidebook for

- the characterization of the sustainability of photocatalytic applications
- the enhancement of air quality & energy efficiency



### Partners:



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



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