Sustainable Chemistry: for the environment, the economy, our society!

And for the Chemical Society of France!

Joël Barrault, Claude Grison, Julien Leclaire, Philippe Mackiewicz and Pascal Isnard

Board of the Sustainable Chemistry Group of the SCF

Special edition “Actualité Chimique” on sustainable chemistry, march 2018

http://www.lactualitechimique.org/numero/427-428

A volume dedicated to the presentation of industry and academic teams involved in renewables valorization and uses.
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A special issue of “Actualité Chimique” dedicated to START UP In chemistry, in France, was published in April 2019:

http://www.lactualitechimique.org/numero/438-439#thematique
Presentation of the sustainable group

Société Chimique de France, July 2018

Rhizofiltration

Aquatic plants (accumulation of metals in roots)

Industrial effluents in aqueous solution

Biomass recovery

Generation of ecocatalytic material

Use of ecocatalyst in green chemistry

Ecocatalysis

Synthesis of biomolecules of high added value

Phytoextraction

Land plants (accumulation of metals in shoots)

Biomass recovery

Use of ecocatalyst in green chemistry

Generation of ecocatalytic material
Sustainable Chemistry in Greece (recent activities)

- **Strong involvement of the Association of Greek Chemists**

In research, education, decision making and societal awareness

The Scientific Divisions on “Environment, Health, and Safety at Work”, “Paints, Varnishes and Inks”, and “Pharmaceutical Chemistry and Cosmetics” promote the concept of **sustainability and circular economy**.

- **HELENIC GREEN CHEMISTRY NETWORK (founded in 2005)**
  
  - Providing educational material to Schools and Universities.
  - Organizing conferences, seminars and training courses.
  - Establishing a database on Green Chemistry for Greece (Education, Research, Industry).
  - Collaboration with University Departments, governmental and non-governmental organizations (NGOs), Research Centers, Industry and any other organization that promotes Green Chemistry, Green Chemical Technology, Sustainable Development and Circular Economy.
Green chemistry @ the stage

- **Sustainable Plastics – the role of chemistry roundtable discussion meeting**
  RSC Materials Chemistry Division
  1 March 2019, London. United Kingdom

- **Sustainable chemistry meeting**
  Lyon, Villeurbanne - France

- **The International Symposium on Green Chemistry,**
  La Rochelle
  May 13-17th, 2019. France

- **Carbon Capture and Conversion Workshop**
  NOVA School of Science and Technology, Campus de Caparica
  February 11th, 2019. Portugal

- **17th International Conference on Chemistry and the Environment,**
  Thessaloniki, Jun 16-20th, 2019. Greece
  Special Session on: “Green and sustainable chemistry strategies for agricultural and food waste biomass valorization”

- **Bringing Electrochromics to New Markets and Products**
  NOVA School of Science and Technology, Campus de Caparica
  Jun 25th, 2019 Portugal