

2on Cicle de Conferències BioEconomic® 2015 - 2016 "Smart City Tarragona 2017"



Jornada paral·lela STEPS, en el marc de la 4a Conferència BioEconomic "Turisme i Hotels Sostenibles"

HORARI: 11:00h a 13:00h

PROGRAMA: (subjecte a modificacions):

- 1. Benvinguda: Fundació Tarragona Smart Mediterranean City i Ajuntament de Tarragona. (15').
- 2. Intervenció Montserrat Fortuny, Institut Municipal d'Educació, membre del CFPOT. (10')
- 3. Intervenció del ponent, Albert López, Arquitecte responsable departament Arquitectura de SOMFY. (15')
- 4. Intervenció de Penélope González, Responsable del departament tècnic de URSA Ibérica Aislantes. (15')
- 5. Torn preguntes (5')
- 6. Intervenció Montserrat Fortuny i Cristina Guillén, explicació operativa i calendari del projecte (projecció del material). (20')
- 7. Torn preguntes (10')
- 8. Start Point: Equip + Ajuntament? (projecció vídeo) (10')

ASSISTENTS: La convocatòria va dirigida a alumnes d' entre 6 i 14 anys:

- INSTITUT CAMP CLAR
- **ESCOLA MEDITERRANI**
- **INSTITUT PERE MARTELL**
- **INSTITUT PALLARESOS**
- Persones de la comunitat educativa



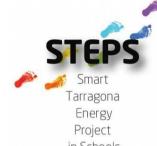
Patrocinador del 2on Cicle de Conferències BioEconomic[®] 2015 - 2016 "Smart City Tarragona 2017"

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STEPS gives students first-hand experience analyzing how energy is used at their school. Students will learn about many aspects of energy, energy efficiency and energy auditing and will have a chance to conduct reall audits of select areas in their school.

STEPS demonstrates to students that they, along with the entire school community, can help controll how energy is used at their school.

STEPS is a comprised of a series of presentations and a set of activities that give teacher and students the Tools to turn the school area into a nergy-efficiency "LAB".

STEPS provides students with valuable realwork knowledge and experience that can be taken home and shared with the rest of the school community, saving energy and Money at the same time.

Learning about and practicing energy efficiency means everyone wins!



Tarragona
Smart
Mediterranean
City

If you want to take part in the project contact with the educational manager of the Foundation

Tarragona Smart Mediterranean City (TSMC)
LG Muntanyeta de St. Pere i St. Pau s/n

Apt. Correus 4195 43007 Tarragona E-mail:

Tel.: 977 20 33 68 Fax: 977 20 33 83



Smart Tarragona Energy Project in Schools

EMPOWERING STUDENTS
GENERATING CHANGE

WHAT IS THE PURPOSE OF STEPS?

WHY IMPLEMENT STEPS? **BECAUSE IT...**

TO GIVE students first-hand experience analyzing how energy is used at their school

TO DEVELOP an understanding of the advantatges of saving energy

DEMONSTRATE that you (the students and the teachers) can influence how energy is used at your school!

> Students and adult people can walk together in changing theworld we are living in.



IS A UNIQUE TEACHING TOOL THAT USES TECHNOLOGY AND ENGLISH

IMPROVES SOCIAL AND **LEADERSHIP**

SKILLS

Incorporates

concepts

interdisciplinary

Emphasizes team work

UTILIZES HAND-ON **ACTIVITIES**

Develops problem-solving, dimensional analysis and measuring skills.

Can be shared with other schools and countries as a contest where students can share experiences, and feel that more people are changing the World!

Means learning by doing! **Significant** learning, a learning for life! Enhances public speaking, presentation skills, information management and critical thinking

PROVIDES

INCENTIVE

AN

OFFERS STUDENTS A LINK TO FUTURE CAREER OPTIONS

> **TO SAVE ENERGY AND MONEY**

Shows students can make a difference!

Uses school buildings as the centre of the energy study as a model to be used in their own home