

### **Energy Efficiency (EE) E-training to Mozambique**

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Aristeidis Tsakiris Data Management arits@dtu.dk



**Louise Lauritzen** Data Protection Officer loula@dtu.dk



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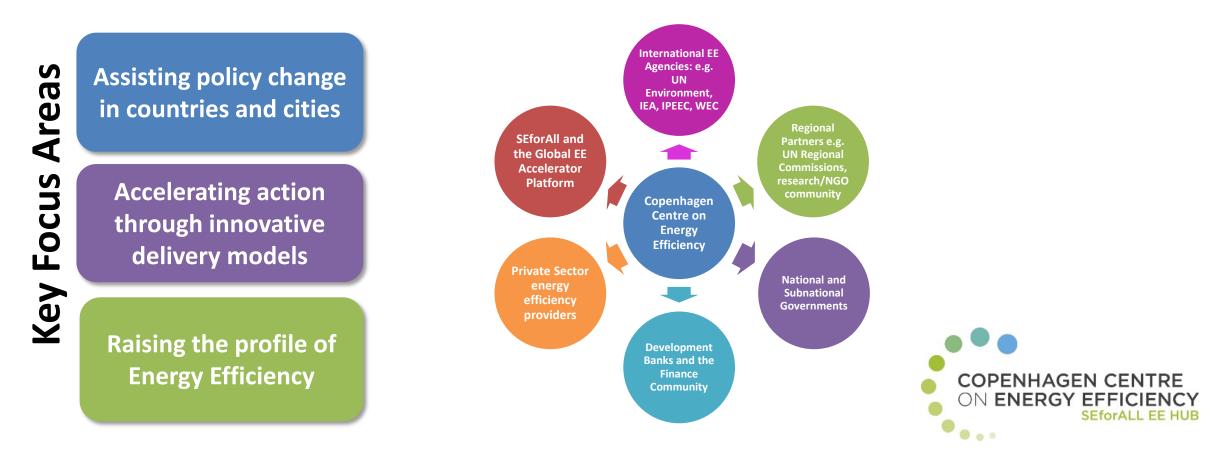
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## **Copenhagen Centre on Energy Efficiency**

- is a research and advisory institution dedicated to accelerating the uptake of energy efficiency policies, programmes and actions globally

- serves as **Sustainable Energy for All** (SEforALL's) **Energy Efficiency Hub** and supports doubling the global rate of energy efficiency improvement by 2030





**Frederik Bass** is a Technical & Policy Lighting expert, graduated in Electrical & Electronic Engineering, with more than 35 years' experience in the lighting industry. Latterly with 10 years at Neonlite the brand owner of MEGAMAN<sup>®</sup> Fred was responsible for strengthening business development and leading the sales and marketing strategies with some of the world's leading energy-saving products. Fred is familiar with all areas of energy saving lighting solutions having worked with light sources, light fittings, LED modules & components and smart lighting controls. As International Lighting specialist for United for Efficiency, Mr. Bass supports the development of technical tools and resources, such as the Lighting Model Regulation Guidelines.

EMAIL: frederick.bass@un.org



**Bruno Lafitte** is a lighting and energy efficiency expert with more than 15 years of professional experience within the sector. He holds a PhD in physics and a Master's degree in electrical engineering. After working experiences in the U.S., China and Austria in the private sector, he has been working at the French Environment and Energy Management Agency (ADEME) for the last 10 years in the building department, specifically on interior, public, natural lighting and buildings climate change adaptation. As International Lighting specialist for United for Efficiency, Mr. Lafitte provides support in the development and implementation of Energy Efficient policies and Labelling programs for on and off grid lighting in country and regional projects. **EMAIL: brunolafitte@hotmail.com** 



**Clara Camarasa** is a researcher and project manager with more than 5 years of experience in the field of energy efficiency in the building sector. Passionate about the decarbonization of the building sector, over the past 8 years she has gathered both practical and theoretical experience on relevant aspects of this topic: from pre-feasibility studies to the design and construction of nearly zero-energy buildings (nZEB). In the last 5 years of her career, she has focused on generating building data, along with other analytical frameworks needed to describe and accelerate the diffusion of energy efficiency technologies. As a Project Manager for the Building Market Brief EIT Climate-KIC project, Clara was able to co-design, replicate and coordinate the implementation of a pan-European initiative involving more than 15 organizations, from the public and private sector. **EMAIL: clacam@dtu.dk** 



At UDP, **Rahul Raju** focuses on undertaking comprehensive analysis and systematization of the main policy issues, conduct qualitative and quantitative studies providing expert technical advice on relevant measures, training and other direct support associated with energy efficiency in countries and cities. His role involves identifying short and long term technical and financial potential of energy efficiency implementation measures.

He earlier worked with The Energy and Resources Institute (TERI) and Climate Technology Centre and Network (CTCN) on planning, managing, implementing, monitoring and verification of climate change mitigation projects under energy efficiency and renewable energy. EMAIL: rradu@dtu.dk





## **Energy Efficiency (EE) E- training to Mozambique**

### **Question & Answers**

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Frederik Bass: frederick.bass@un.org

Bruno Lafitte: brunolafitte@hotmail.com





#### **Question & Answers**

Q1. What areas/topics did you cover, or what did you look for during the workshops conducted for MEPS?

Q2. Phased ban of inefficient lamps looks like a good approch. What were the challenges in doing this in Marocco?

Q3What is your take on Induction lamps, since they are also almost on par with the LEDs and also have a long service life?

Q4. How to enforce Minimum Energy Performance Standards (MEPS) in a market flooded with low quality and cheaper products?





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### **Question & Answers**

c2e2.unepdtu.org/kms

Clara Camarasa: clacam@dtu.dk Rahul Raju:

Rahul Raju: rradu@dtu.dk



#### **Question & Answers**

Q1. What is the difference between an Energy Management System and Building Management System?

Q2. Looking at the amount of material for building envelope looks like it makes the building expensive. Based on your experience is that feasible if compared with the savings/benefits?

Q3. Are floors also part of the building envelope?



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# Thank you for your attendance

