JORNADA D'ECOSISTEMA DE TRANSFERÈNCIA I INNOVACIÓ EN ENERGIA









Self Regulating Smart Windows For Energy Saving Applications

Nanostructured functional materials (Nanosfun)



Institut Català de Nanociència i Nanotecnologia

Barcelona, 21.06.2023

Dr. Sohini Sinha



Energy Consumption in Buildings



• 40% energy consumption

European Green Deal

- ~50% from heating/cooling systems
- CO₂ emissions

Green deal: Energy & Environment





institut Català de Nanoclència i Nanotecnologia

APPLICATIONS & MARKET



Competitive Analysis



Flexibility of films^{re} chromen igh Transparency & Coloration





Research Team

Advisors



Dr. Claudio Roscini CEO & Team leader Founder





Dr. Sohini Sinha Technical Developer





Dr. Daniel Ruiz-Molina Team leader Founder





Aleix Carrascull Researcher



Dr. Luz Karime Gil **Business Developer**

Future chromes

José Luís Ortolá Yano

Intern



Piergiorgio Pelassa Finance

Future chromes









Gino Appiotti Marketing & Commercial



Main partners:





Collaborations & Fundings



On-going Projects and 2 Patented Technologies

- SOLAR Project CPP2021-008883
- Convocatoria Proyectos de Colaboración Público-Privada 2021



We Need:



Do you fit into our scope of "Societal challenge driven approach for ENERGY SAVING, HEALTH, SECURITY & COMFORT"?







@XRE4S @IREC_Energia

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THANK YOU!!

