



Mohsine BOUYA is currently Director of valorization & transfer department and an associate professor in the "Renewable energy school" of Rabat International University. He has more than 14 years of experience in research and development and Innovation. He received his Ph.D. degree in electronics engineering, from the University of Bordeaux 1, France. He was with THALES Research and Technology France, Paris, where he worked in Thales technology center in microelectronics area (from the material to the system) for 7 years.

Achieved R&D projects:

1. European project: DEVEN3C "Entrepreneurial skills development at the Moroccan universities: Creativity and Knowledge and Culture.
2. CDG funding project: New concept of miniaturized cameras by using System In Package technology
3. Cluster solar project: development of a new concept of solar water heater: low cost and robust product
4. Region project: Smart and Hybrid solution for LED street lights by using vertical wind turbine and PV solar panels

Current R&D projects:

5. IRESEN project: Maintain of the storage temperature of Bitumen by using hybrid ENR solutions.
6. Cluster Solar project: Integration of solar LED light technologies
7. CNRST project: Development of a new solution to track luggage at the airport by using durable RFID technology

Current projects for industry:

8. PV-Box for non-connected homes
9. Autonomous solution for road signaling systems
10. Hybrid and renewable air conditioning system
11. LEDs for street lights
12. Tracking system for: PV, CPV, CSP, TWH
13. Automotive air conditioning system to save
14. Smart and autonomic road singling systems: urbane and hay way
15. Autonomic public publicity screen
16. PV solutions: pumping, solar farm, and PV small plants
17. Energy harvesting for UAVs
18. Livestock control systems by using RFID technologies

He is a member of RMIE " Moroccan Incubation Network" and a member of the national committee of the TISC " Technology and Innovation Support Centers", and chair and co-chaer for scientific workchops, and PCT for several conferences, and board member for one scientific journal.

He has authored over 60 refereed publications and over 56 confidential reports for industrial clients and over 40 Moroccan patents and 18 international patents and innovations. He received a dozen of awards and prizes. His research interests include the valorization and transfer of technologies and patents, renewable energies, innovation, microelectronics and reliability predictions of materials and components and systems.