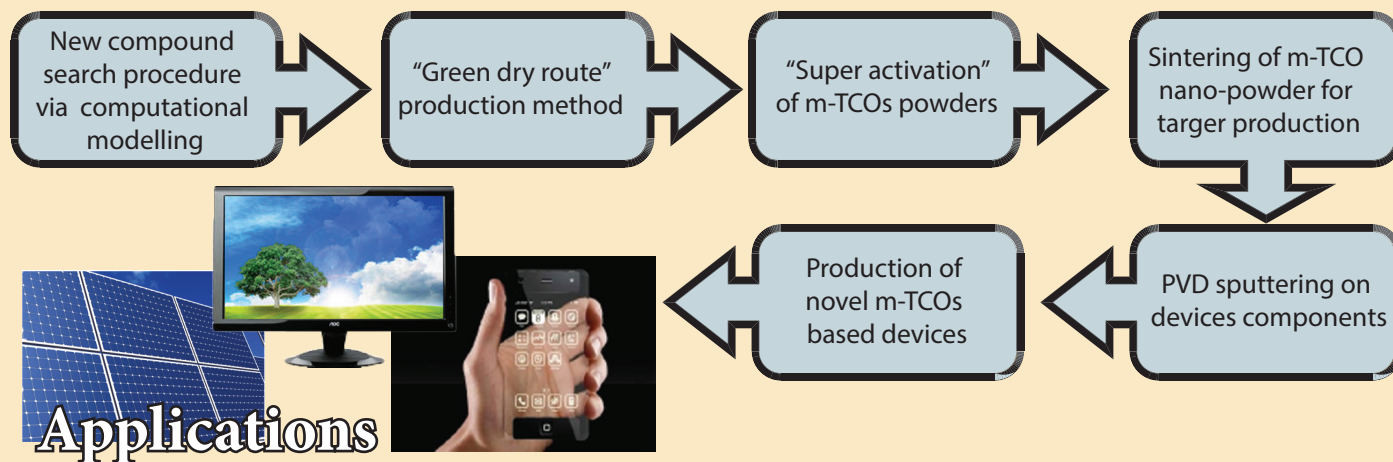


The **main objective** of Altitude is to develop alternative multicomponent Transparent Conductive Oxide systems (m-TCOs), exhibiting unique properties, using appropriate combinations of low-cost raw material, suitable for large scale manufacturing of transparent conductors (TCs) aiming in the replacement of the expensive commonly used Indium Tin Oxide (ITO).

Project structure (work packages -WP)

- WP1: generation of the specifications and requirements
- WP2: computational modeling for the new stoichiometry
- WP3: development of the atomization machine
- WP4: production of the composition oxidized powders using the atomization machine
- WP5: milling and sintering of the produced powders in order to produce the sputtering targets
- WP6: targets sputtering
- WP7: assembly of solar and touch screen applications
- WP8: dissemination and exploitation
- WP9: project management and coordination

Project overview



Innovations through the project

