

- 1) Compact Linear Fresnel Reflector Technology (CLFR) for thermal power generation and process heat



- 2) Developing sustainable transgenic crop plants tolerant for drought or a combination of drought and heat stress by manipulating ABA signaling and Ascorbate-Glutathione pathways



- 3) Imparting stress-resistance to crop plants by heterologous transfer of high altitude protection mechanisms



Forschungszentrum Jülich
in der Helmholtz-Gemeinschaft



- 4) Biotechnological approaches to improve chickpea crop productivity for farming community and industry



5) Architecture-aware timing analysis and optimization of safety-critical automotive software (AUTOSAFE)



6) Flexible Printed Integrated Disposable Electronics (FLEXIPRIDE)



7) On chemoenzymatic synthesis and development of biodegradable structurally persistent core-shell nano-architectures for drug delivery application (NANOTRANS)



8) Visualization of automated multi-sensor NDT assessment of concrete structures (NDT-DATAFUSION)



9) Integration of Nan-Destructive Evaluation based Ultrasonic Simulation (IN-DEUS)



10) Development, characterisation and validation of nanoparticulates for the adsorption of hydrophobic uremic toxins in renal failure patients (NPORE)



11) Design and Development of Hollow Crankshaft for Automobiles (DNDHCSA)



12) Design of selective nanoporous membrane bioreactor for efficient production of bio-butanol from lignocellulosic sugars (SENAMEB)

