

Silicon-friendly Piezoelectric Materials For Energy Harvesting

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- The European project, SINERGY, dealing with silicon friendly materials and device solutions for microenergy will be presented.
- We will develop thermoelectric, electrostatic and piezoelectric energy harvesters and novel batteries to obtain an integrated system.
- ZnO nanostructures and AlN thin-films will be used as key piezoelectric materials for the silicon integration.

