

# The Institute for Nanotechnology Innovation (INI)

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For lack of space, the record numbers of postgraduate doctoral students produced at the Institute are squeezed into corridors and throughways in the ageing, modernist block – chairs pressed up against walls at overflowing desks, as they work on their theses.



# The Institute for Nanotechnology Innovation (INI)

A typed sign stuck next to the board warns that, under no circumstances, should the power produced by the auxiliary generator servicing the block be switched off. Visiting electricians are instructed to contact the administrative office of the Institute for INI if they have a problem.

**L**ed by the multi-award-winning Distinguished Professor Tebello Nyokong, an honorary fellow of the Royal Society of Chemistry, the project is about a construction of a building to house high-end research equipment, world-class researchers and to support cutting-edge research work. We are looking to raise **R45 – R55 million (\$3 165 000 - \$3 800 000)** for this project. ♥

## OBJECTIVE:

The University is hoping to raise **R45 – R55 million (\$3 165 000 - \$3 800 000)** for this project.



ABOVE: Distinguished Professor Tebello Nyokong  
Photo Credit: Adrian Steirn Courtesy of 21 ICONS

## DID YOU KNOW?

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INI at Rhodes University is at the forefront of international research and is considered as an international leader in the field.

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A network of domestic, African and other international researchers uses the INI equipment on an almost continuous basis.

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The nanomaterials that are manufactured by the Institute's students service a global network of pure- and applied-science researchers and collaborators - and generate much excitement at international conferences, fostering great collaborations.

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The Institute's work entails synthesising nanoscopic materials such as single-walled carbon nanotubes, quantum dots and magnetic fluids.

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The products and sensors produced by the INI are used to detect diseases at an early stage and to track a range of air- and water-borne environmental pollutants. They are also used in cancer treatments.

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