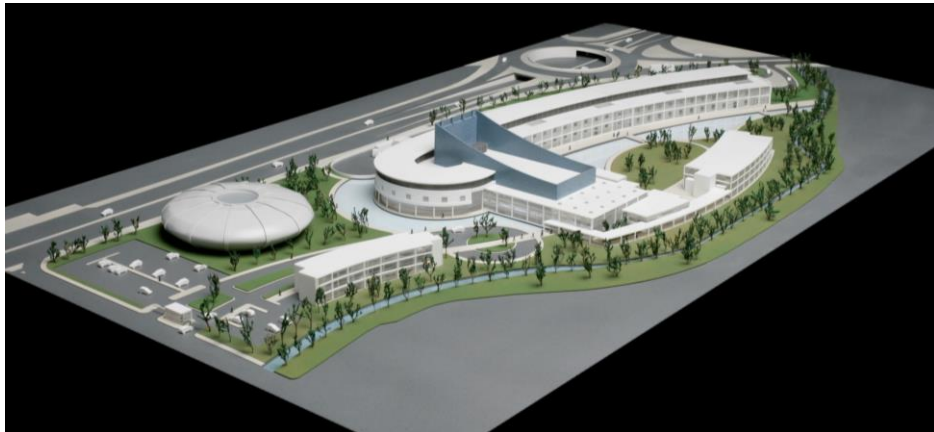


The International Iberian Nanotechnology Laboratory



2007



2014



Nov 2005: creation and the joint management of a Portuguese and Spanish Institute of R&D (Portuguese and Spanish International Research Laboratory).

Nov 2006: Approval of the legal statutes, conferring an international character to the Institute

Jan 2008: Headquarters Agreement. The INL is an Intergovernmental Organization registered in the United Nations

Aug 2008: Construction started

Oct 2010: Approval INL Staff Rules & Regulations. Essential document for recruitment and Management.

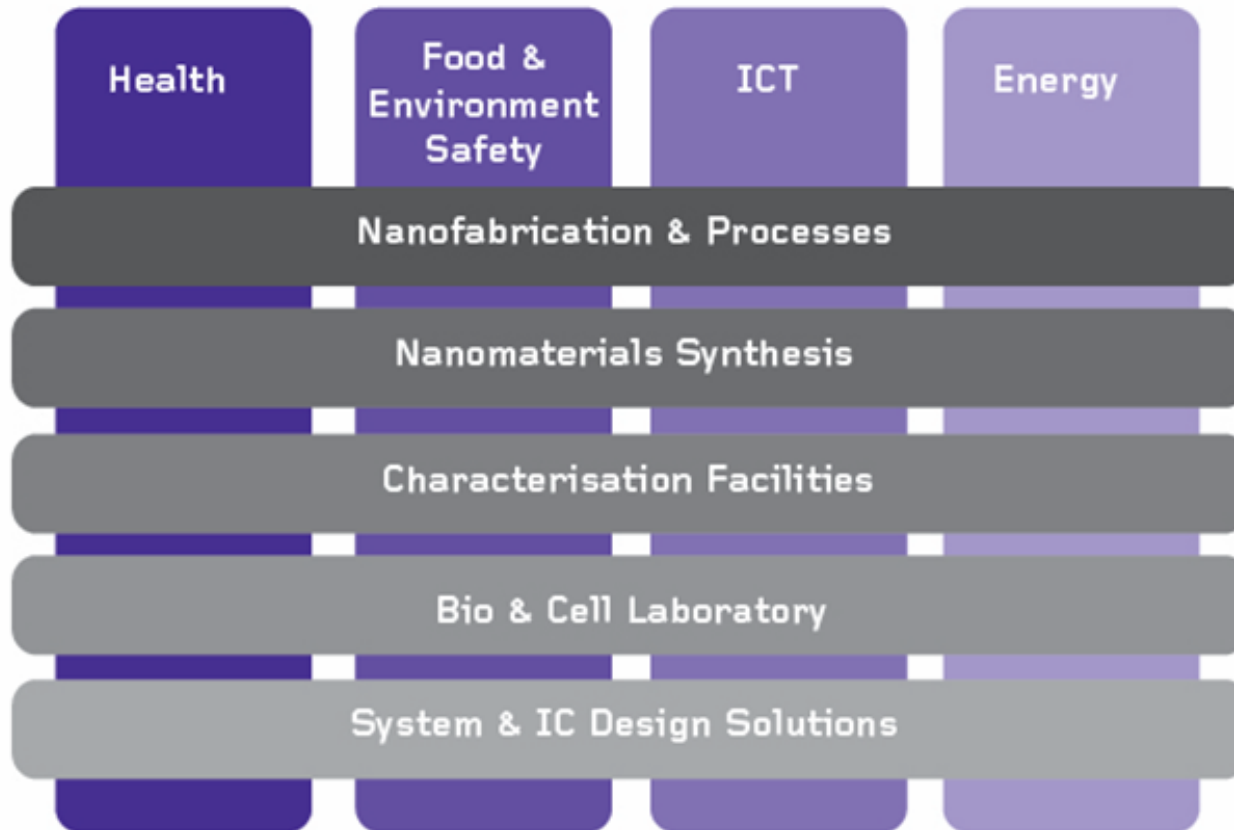
Feb 2011: Research personnel started working at the new facility.



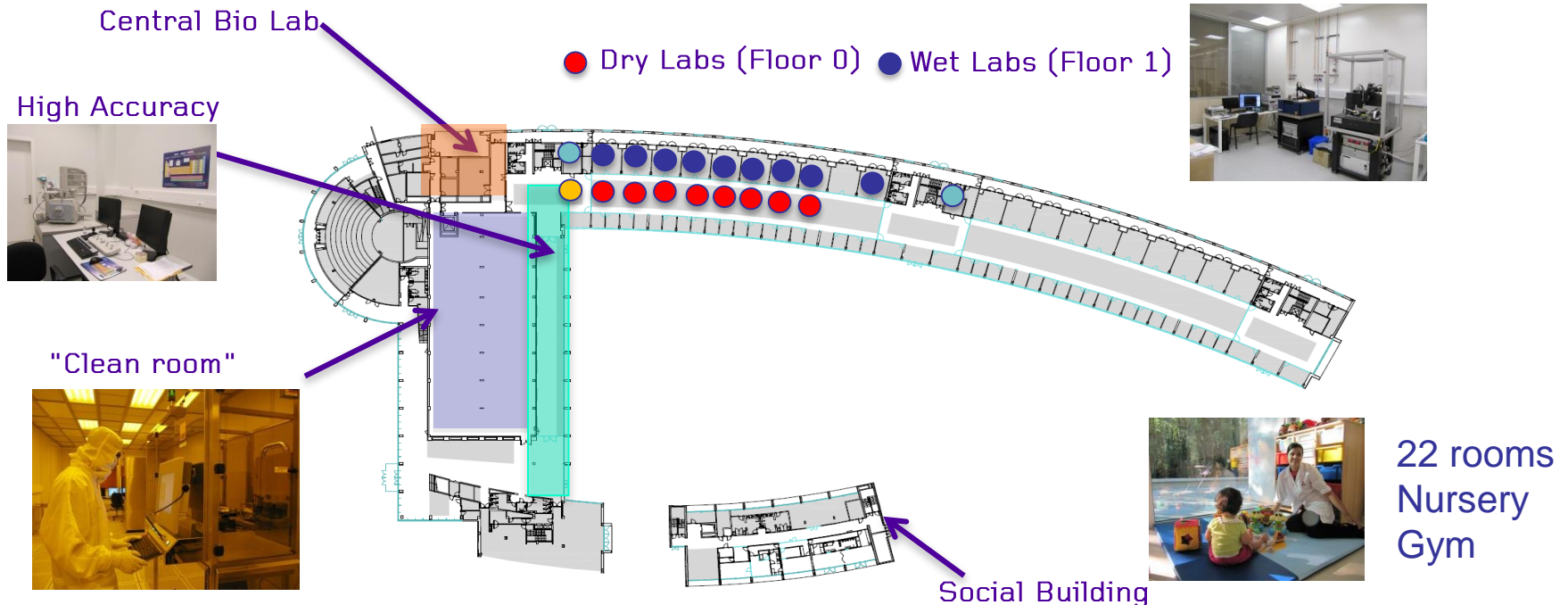
International Iberian Nanotechnology Laboratory

- 1) Location: Braga- Portugal
- 2) Status: Intergovernmental Organization
- 3) Built area: 26,000 m²
- 4) Total Staff: ~ 400 people (110)
- 5) Research Space: 40 PI labs (15)





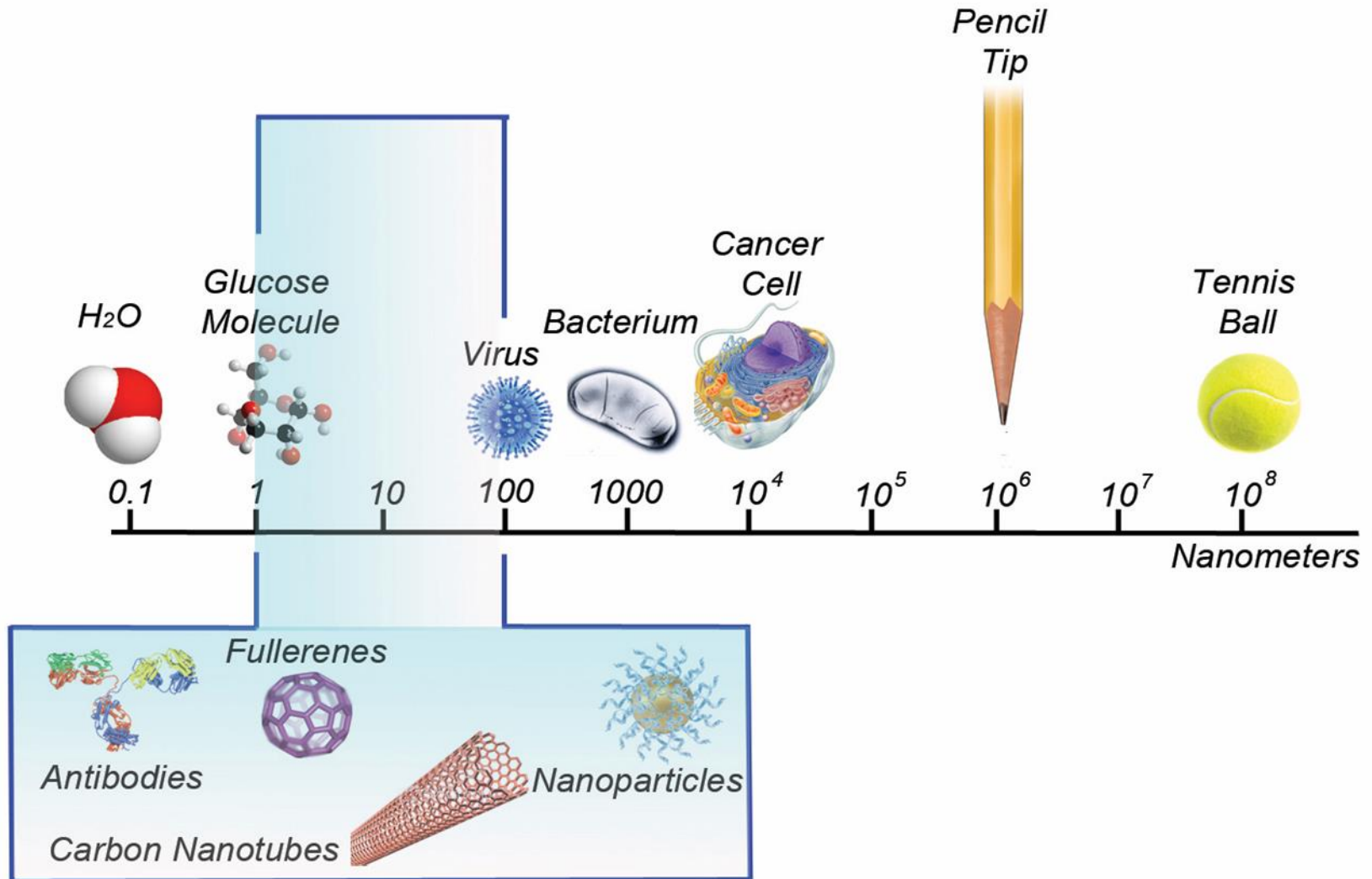
- The scientific infrastructure comprises central laboratories (providing services for the INL resident research personnel and visiting scientists) and specialized laboratories associated with individual Principal Investigators (PIs) or research groups and research topics.
- The Scientific building includes: Cleanroom, High Accuracy Laboratory, Wet and Dry PI laboratories, Biochemistry laboratory and other support labs.





School and Science teachers visit once or twice a month in small groups.

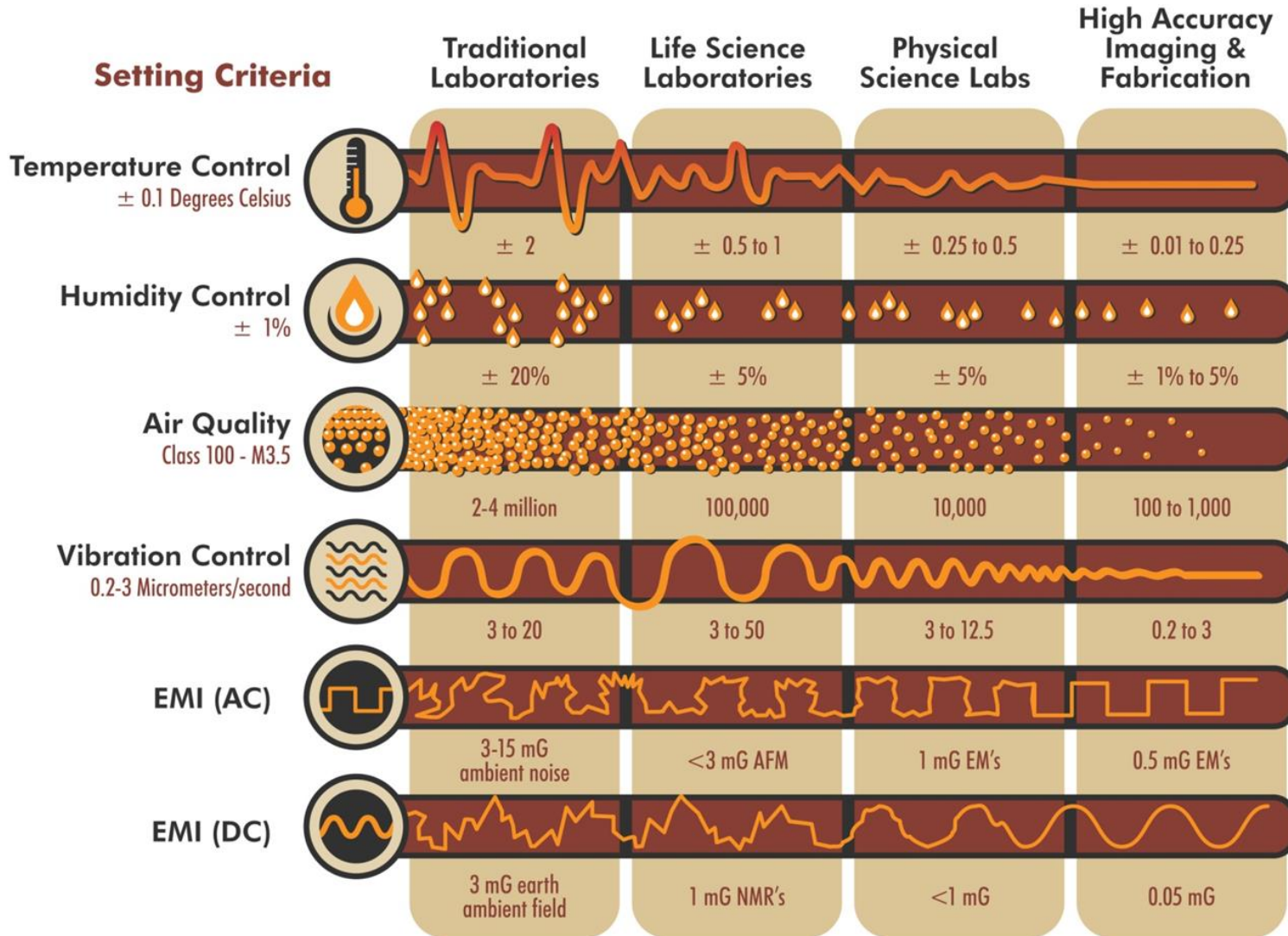
The Nanoscale

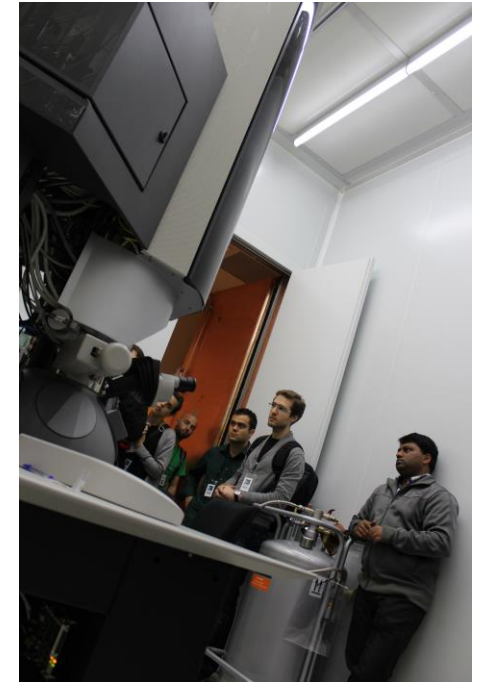


What is Nanotechnology?

- Nanotechnology is the science of "the small". The prefix "nano" originates from the Greek and was derived from the word "nanos" which means "dwarf". One nanometer is one billionth of a meter (10^{-9} m) or one millionth of a millimeter (10^{-6} mm). The nano cosmos is the world of atoms and molecules.
- If three gold atoms are placed side by side, their overall length equals one nanometer. Obviously, such dimensions are invisible to the naked eye and specialized instruments are necessary to visualize structures at the nanoscale. Since 1980, specific microscopes are available which allow us to investigate and even manipulate nanostructures.

Source: swissnanocube





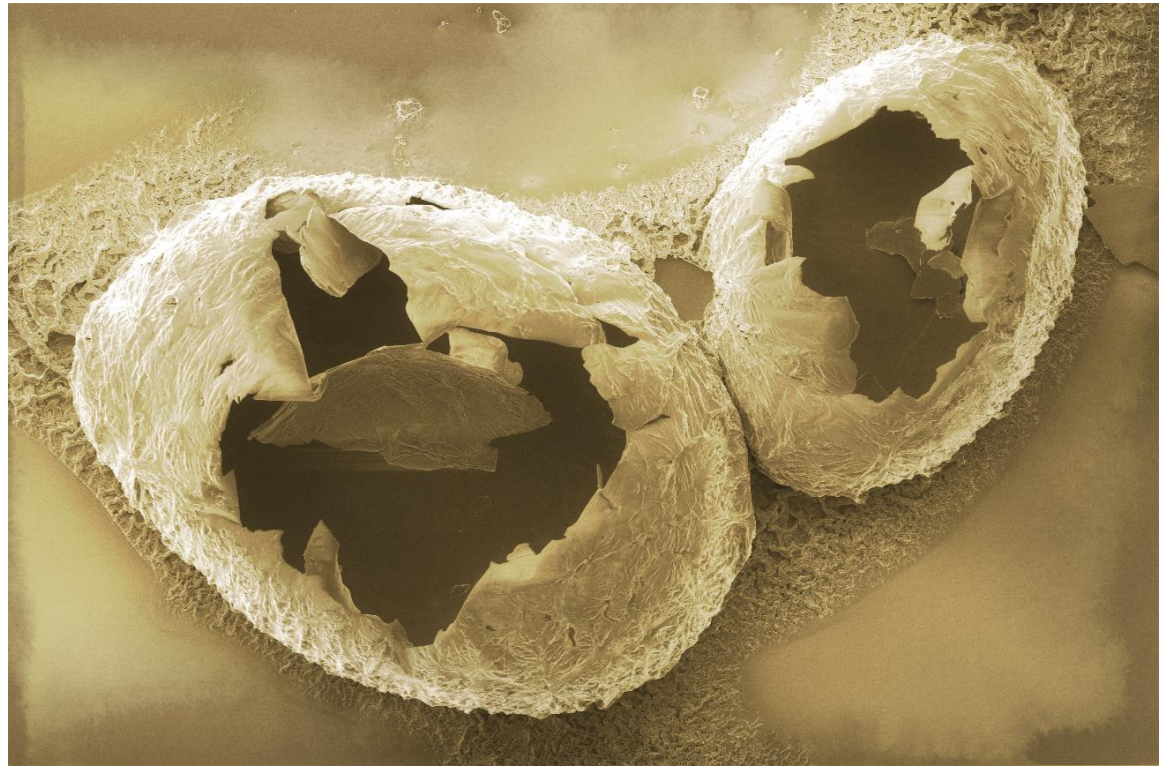


Science Day in A Coruña

European Researchers' Night in Aveiro



- ❖ Start Open days
- ❖ Set up installation for larger groups
- ❖ Visit Art at INL - Nanoart
- ❖ Inviting our neighbours



M.Tareqzzaman