

**SCIENCE,  
TECHNOLOGY AND  
THE SIZE OF NANO  
DESTRUCTION  
TECHNOLOGY**

# DEMONSTRATED DEVICES/PROCESSES

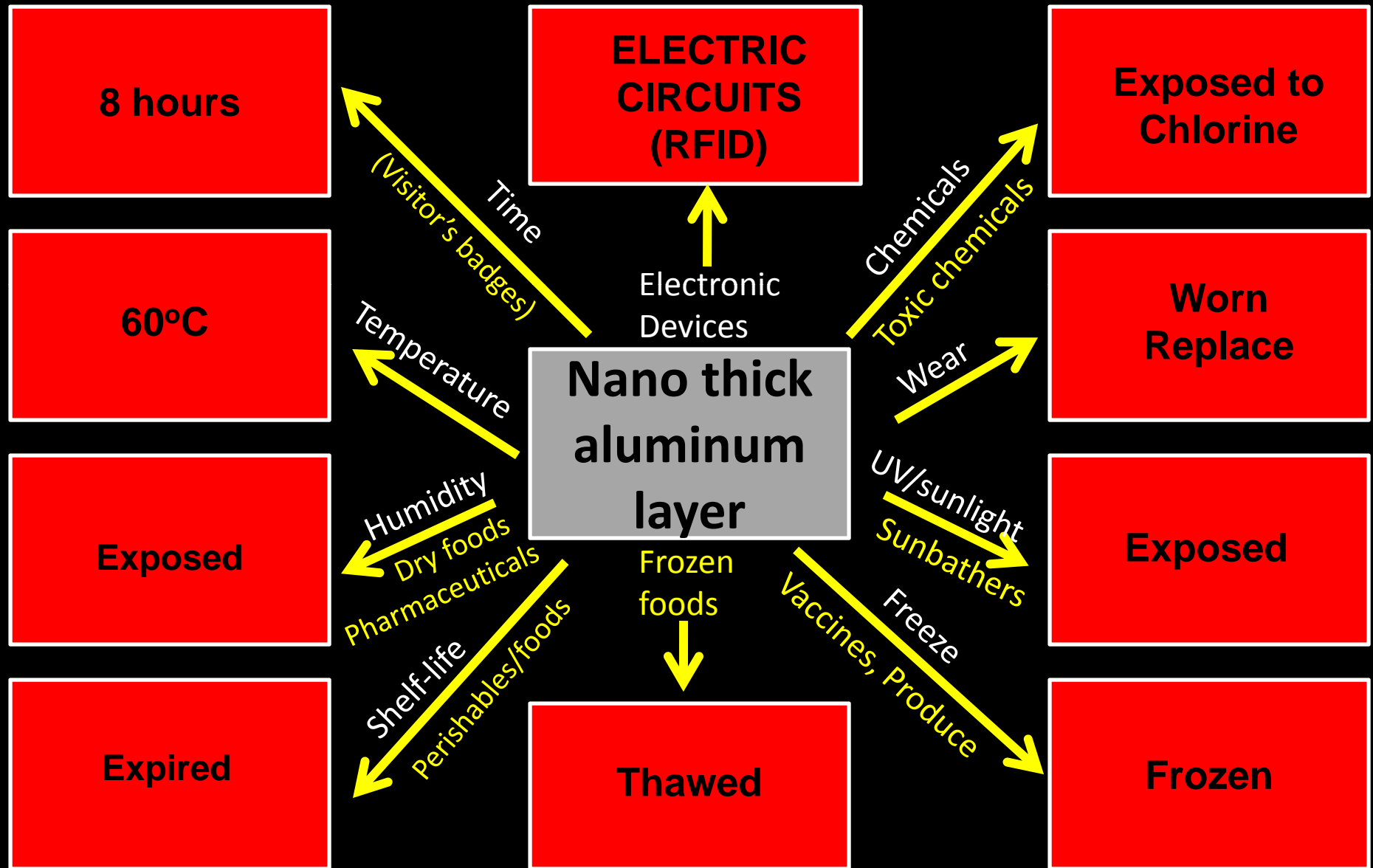
- Using a two dimensional nano-structure (a metallized plastic film) of one material (aluminum) we have demonstrated about 20 different classes of products, mainly indicators
- We are also exploring (patents pending) the development of many other products based on destruction of other nano-structures and that of other materials

# DEMONSTRATED DEVICES/PROCESSES

- The following slides outline the products we have developed and a huge number of new products that can be developed by destruction/conversion of a variety of nanostructures using different materials and processes

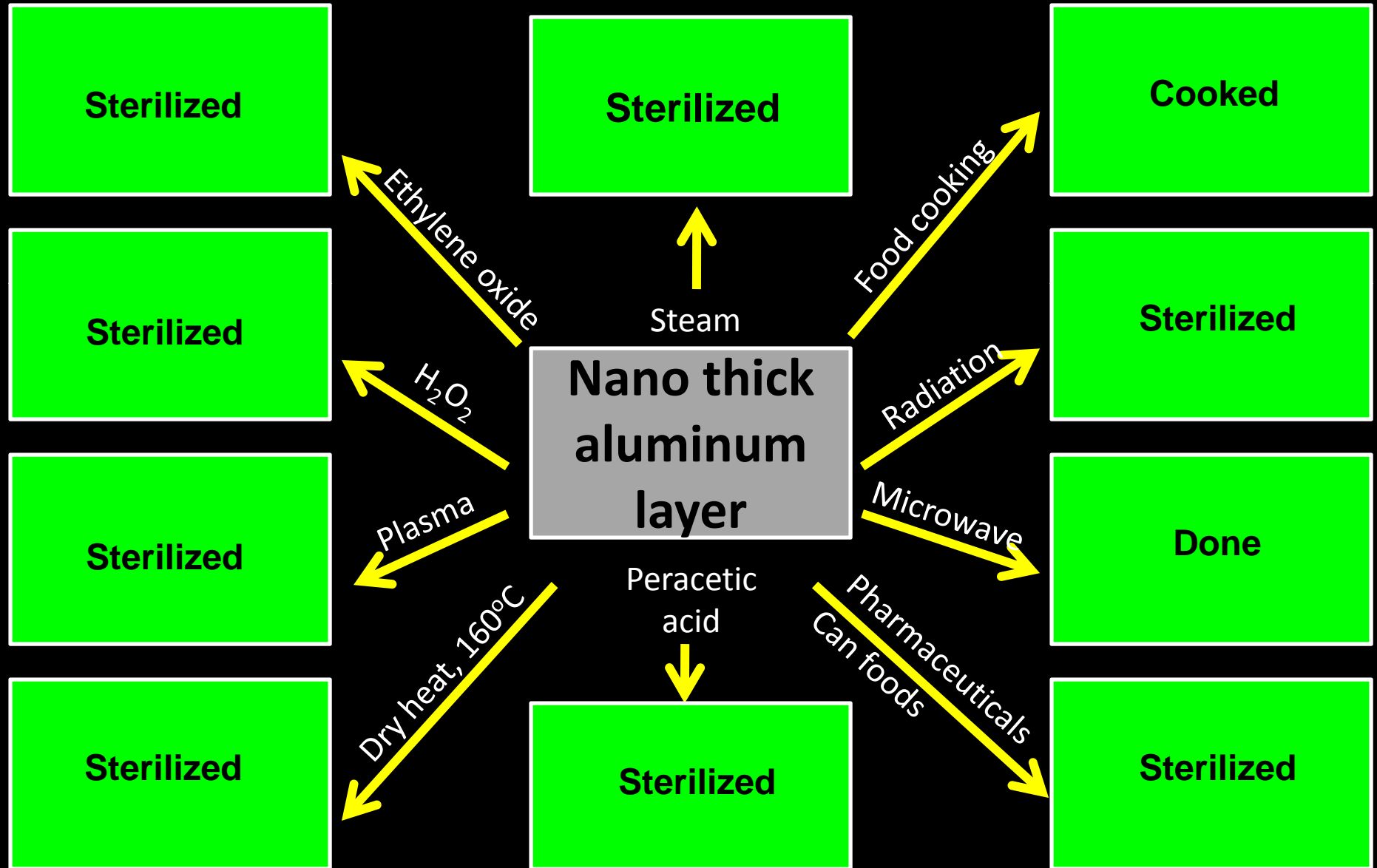
# EXAMPLES OF WARNING TYPE NANO-INDIS

(Different activators/precursors are used for different indicators)



# EXAMPLES OF ASSURANCE TYPE NANO-INDIS

(Different activators/precursors are used for different indicators)



## POTENTIAL SIZE OF NANO-CONVERSION TECHNOLOGY

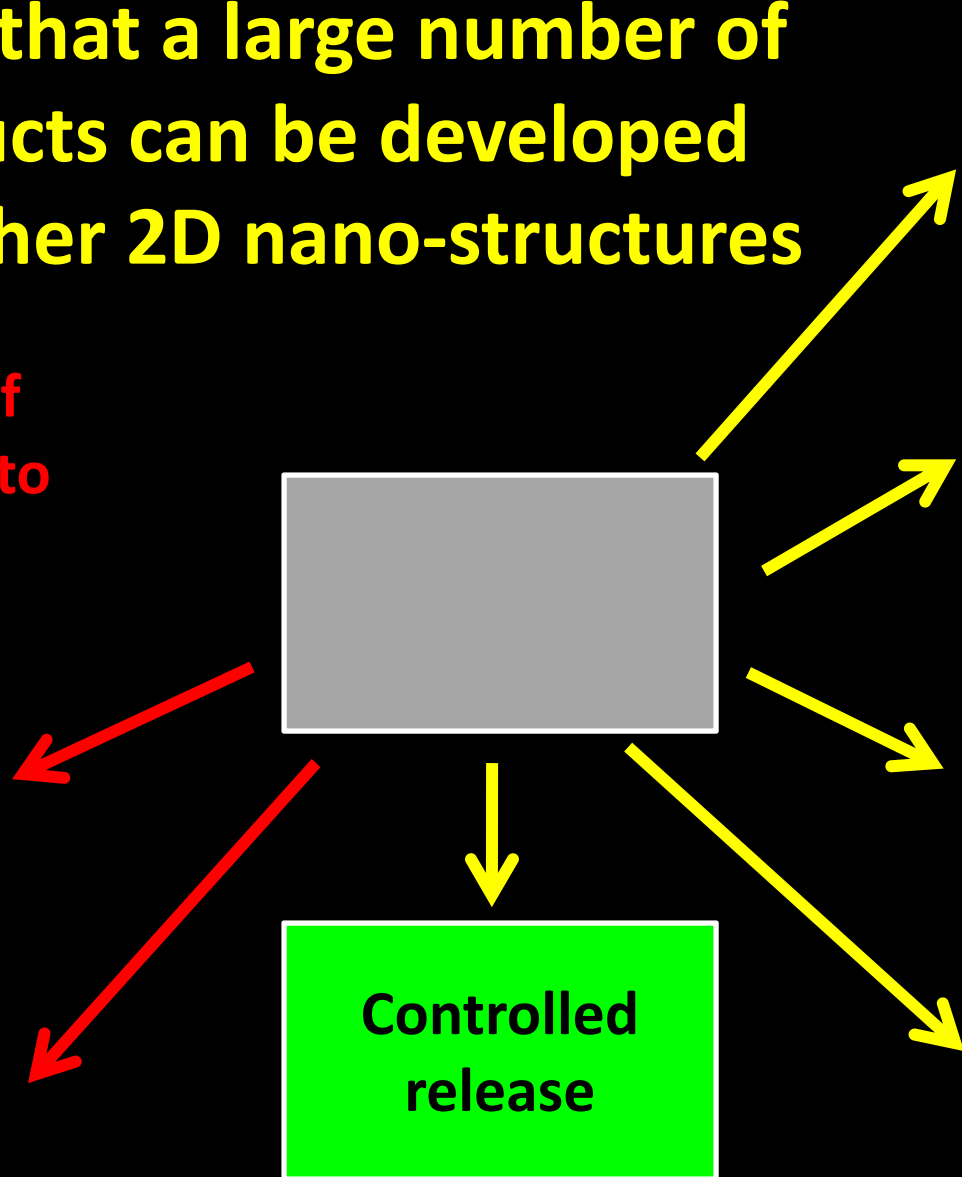
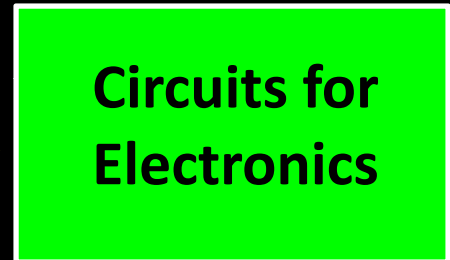
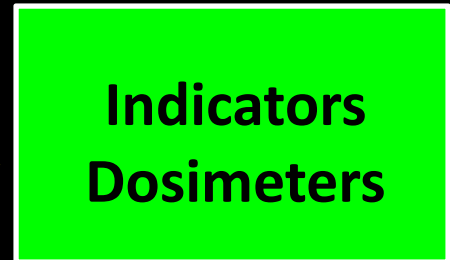
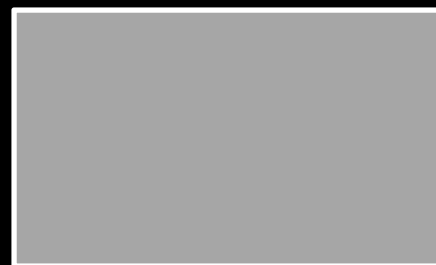
- The above are some representative examples of one set of products (indicators; Nano-Indis™) that we have developed using just one nanostructure (nano-film) of only one material (aluminum)
- The potential worldwide market for a few of these Nano-Indis alone can be in billions of dollars per year
- There are a large number of other nanostructures made and can be made from a large number of other materials
- One can imagine the products that can be developed by destruction of such nano structures

# NANO-CONVERSION TECHNOLOGY

We explored only the green areas using a 2D aluminum nanolayer

**We believe that a large number of other products can be developed from the other 2D nano-structures**

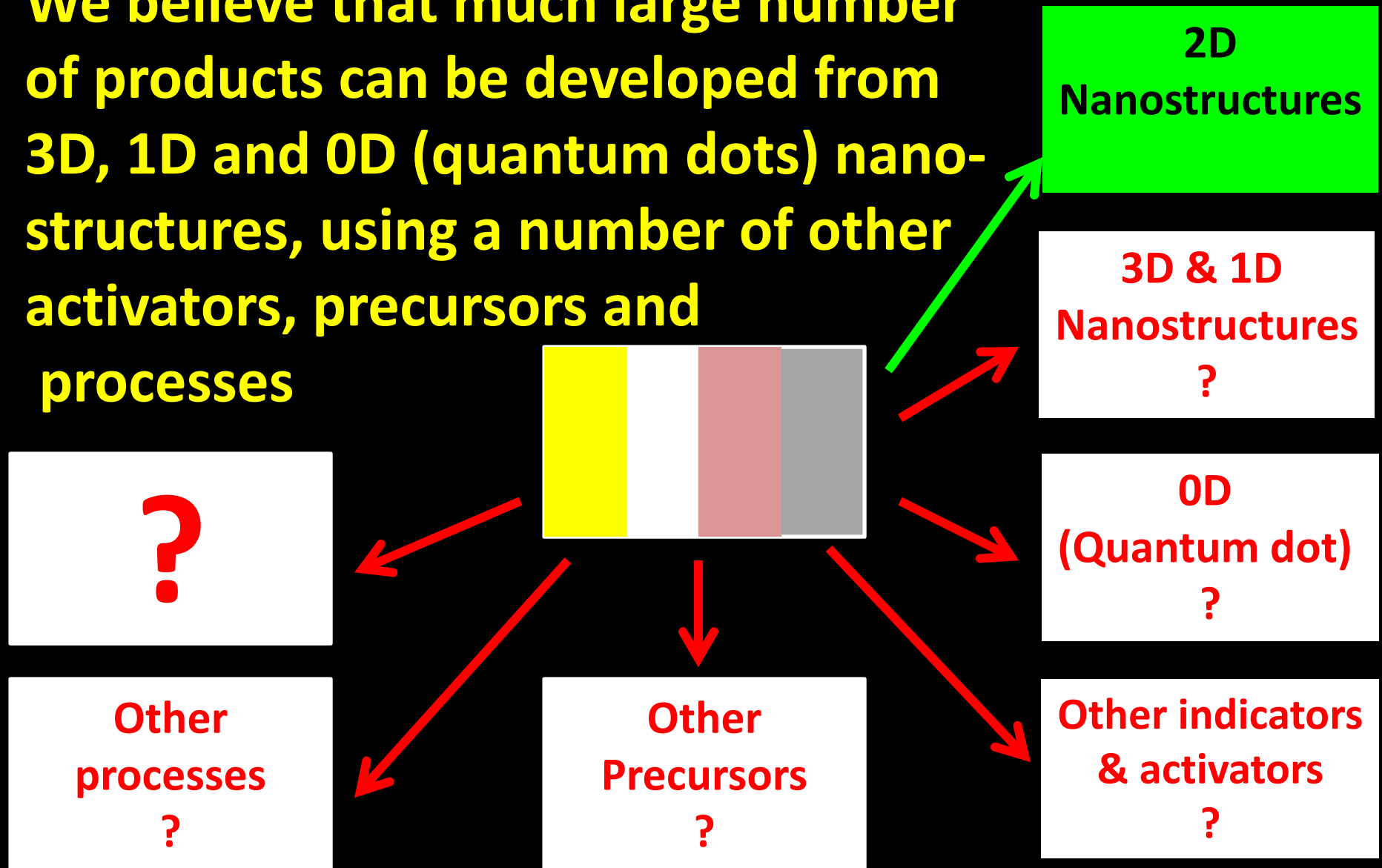
**Other classes of products need to be developed**



# NANO-CONVERSION TECHNOLOGY

We explored only a portion of 2D nanolayer

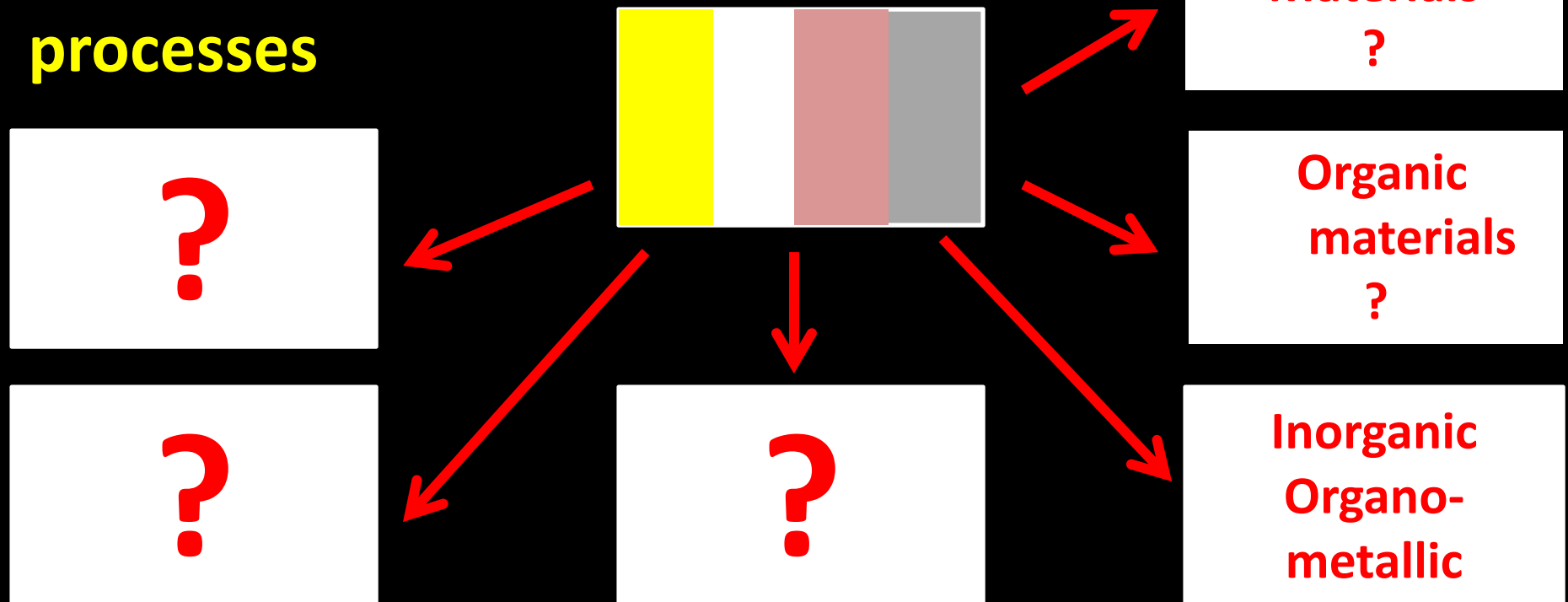
We believe that much large number of products can be developed from 3D, 1D and 0D (quantum dots) nanostructures, using a number of other activators, precursors and processes



# NANO-CONVERSION TECHNOLOGY

We explored only effect of chemicals using only 2D-aluminum nanolayer

We believe that even larger number of products can be developed from the nano-structures using organic, inorganic, organometallic & biological materials and associated processes



# SCIENCE AND VASTNESS OF NANO DESTRUCTION TECHNOLOGY

## **We Believe that:**

- We have just scratched the surface and cracked opened the doors to this ignored field of nano-science
- The field of nano-destruction technology will grow. More we study and understand the technology, more new products will be developed
- **THE MARKET POTENTIALS ARE VAST**

**NANO-INDIS™**

**A REVOLUTION IN  
INDICATOR TECHNOLOGY**

**WITH POTENTIALLY  
VAST MARKET**

# NANO-CONVERSION TECHNOLOGY

AN IGNORED BUT NOVEL AND  
UNIQUE FIELD OF NANOSCIENCE

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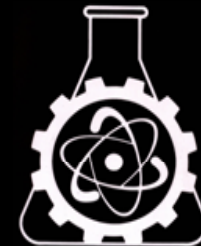
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Nano-Conversion  
Technology