

# COOPERATION between JAPAN and IAEA

## Nuclear Sciences and Applications (NA)

### ◆ Areas where Japan plays an active role :

- Human Health (Nuclear Medicine, Radiation Oncology)
- Food and Agriculture (Insect Pest Control, Food Irradiation, Mutation Breeding)
- Industrial Applications (Radiation Processing)
- Water and Environment (Marine Monitoring, Air Pollution Monitoring, Deep Groundwater Assessment)
- ReNuAL project (Equipment donation, Support through Peaceful Uses Initiative (PUI))

### Human Health



(Photo: IAEA)

A treatment room of the Boron Neutron Capture Therapy (BNCT) facility.



(Photo:QST)

A treatment room of the Heavy Ion Therapy facility.

### Food and Agriculture

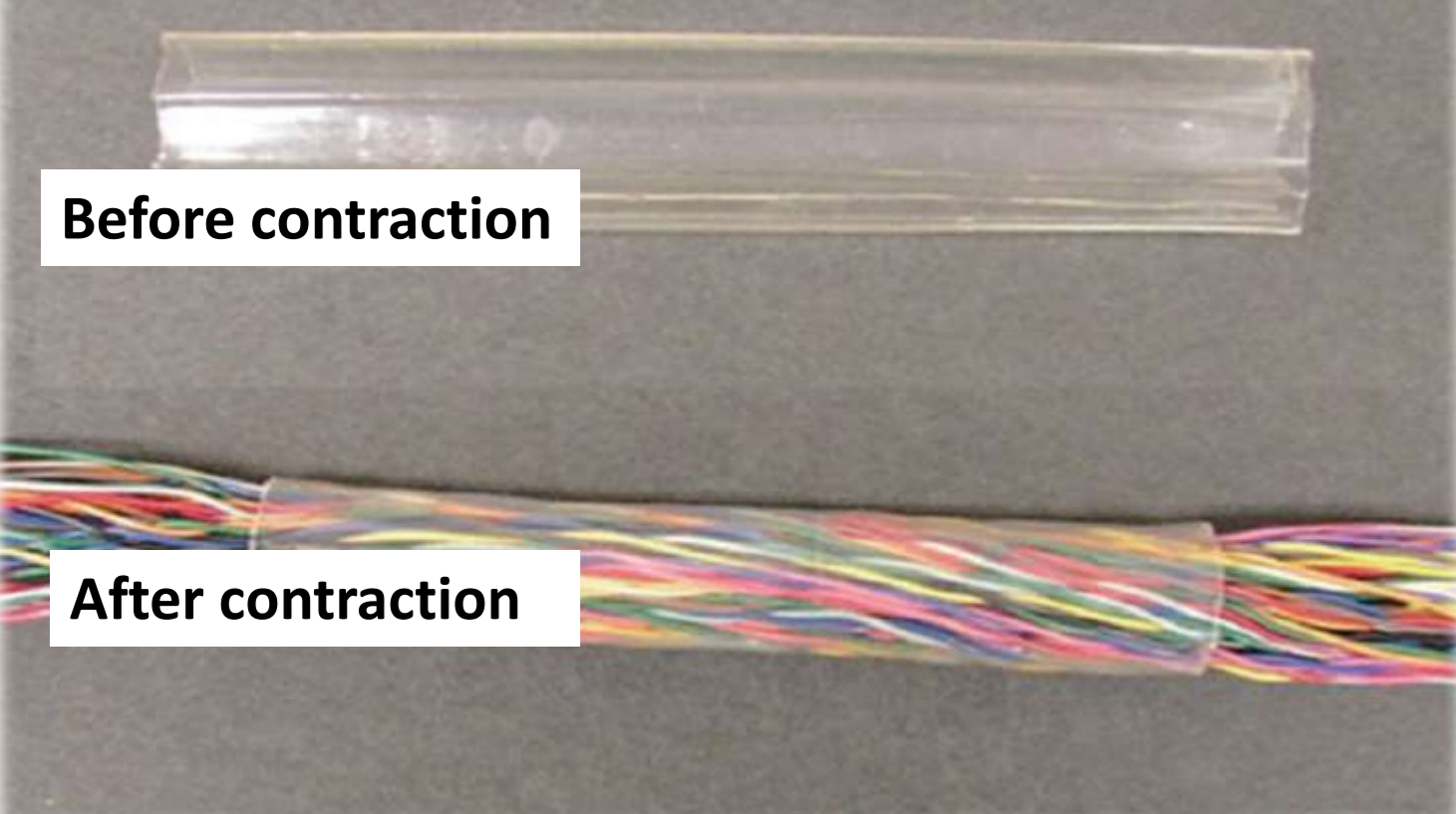


(Photo:NARO,Japan)

The gamma field for mutation breeding etc.

### Industrial Applications

#### Heat shrinkable material



(Photo:QST)

Products developed by radiation processing

### Water and Environment



(Photo: IAEA)

Seawater samples collected near the Fukushima Daiichi Nuclear Power Plant for radioactivity analysis.

### Support to ReNuAL project



(Photo: IAEA)

Japanese manufacturer Shimadzu Corporation donated the mass spectrometry equipment to IAEA (Seibersdorf laboratories).

### ◆ Ministerial Conference on Nuclear Science and Technology (28-30 Nov. 2018) :

- Japan, serving as a co-chair together with Costa Rica, has been proactively leading the discussion towards successful outcome of the Conference.



Ambassador Kitano, co-chairing the 4<sup>th</sup> Informal Open-Ended Consultations