



CNESTEN

Environmental Monitoring Program at CENM

RMCC 10

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CNESTEN**

Khalifa University – Abu Dhabi 19-21/10/2015

CNESTEN's missions

- ✓Promoting research and applications of nuclear science and technology in various sectors
 - ✓Preparing the technological basis for the introduction of nuclear power
 - ✓Providing technical advice to the state regarding nuclear safety and security
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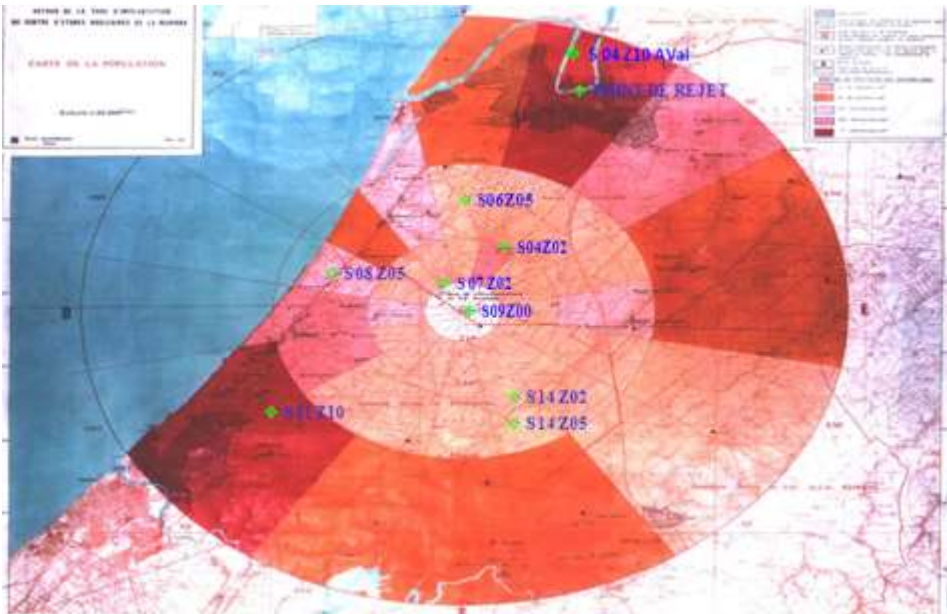


CENM's site

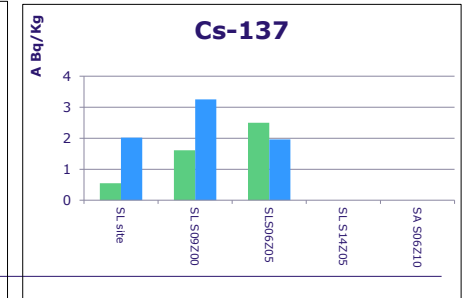
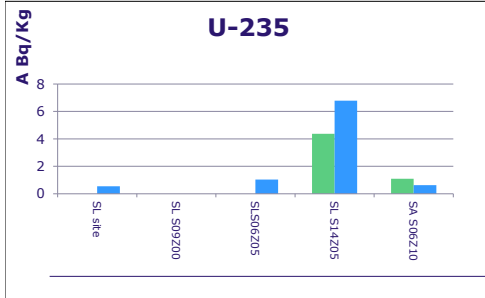
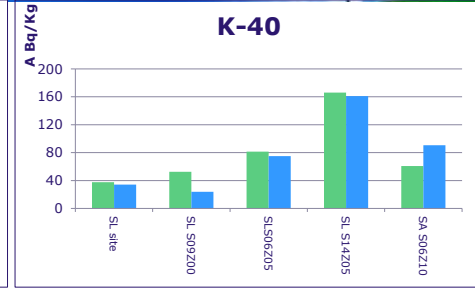
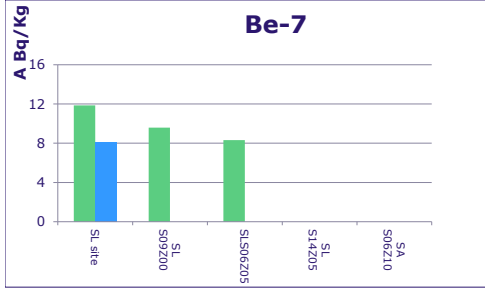


Environmental Monitoring Objective

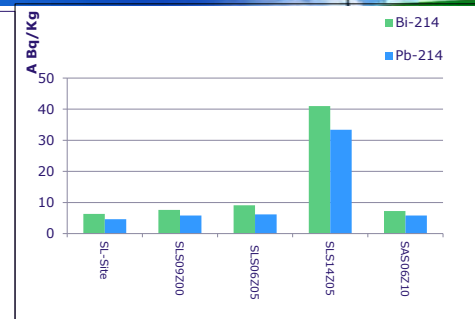
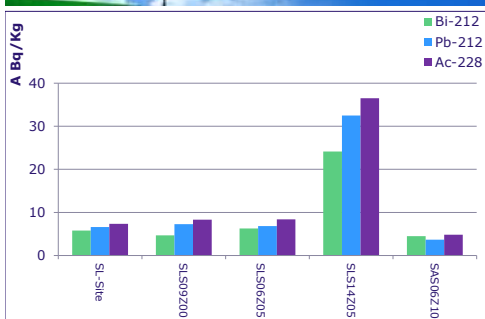
- Meeting the regulatory requirements
- Checking for the impact of CENM's activities on the population and the environment
- Assess the impact of any event



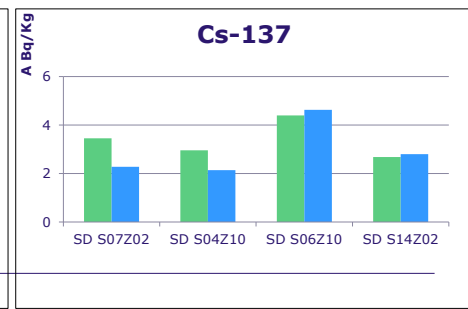
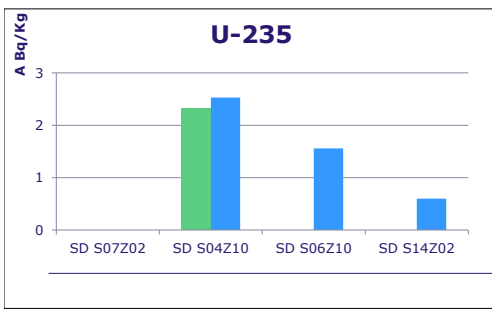
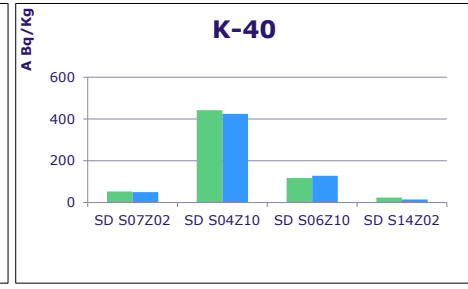
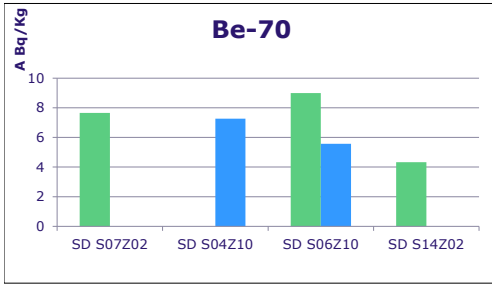
Soil Samples



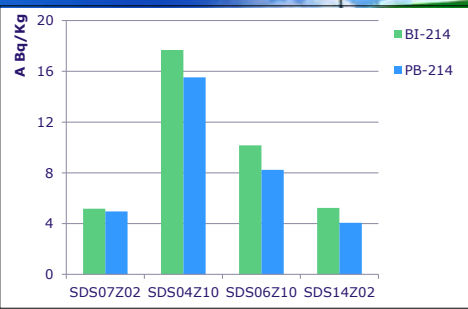
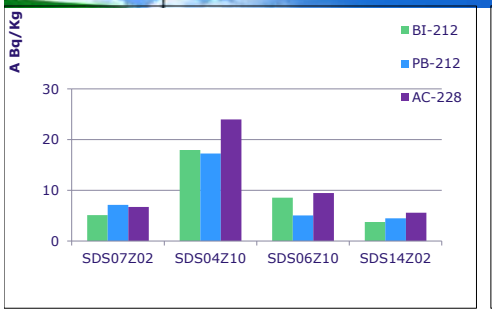
Soil Samples



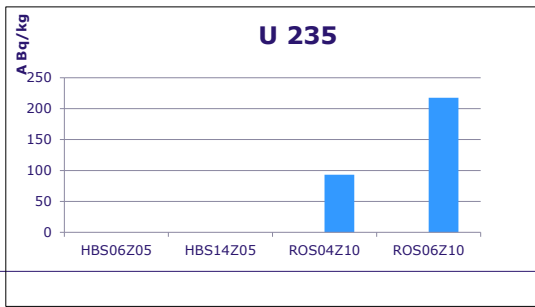
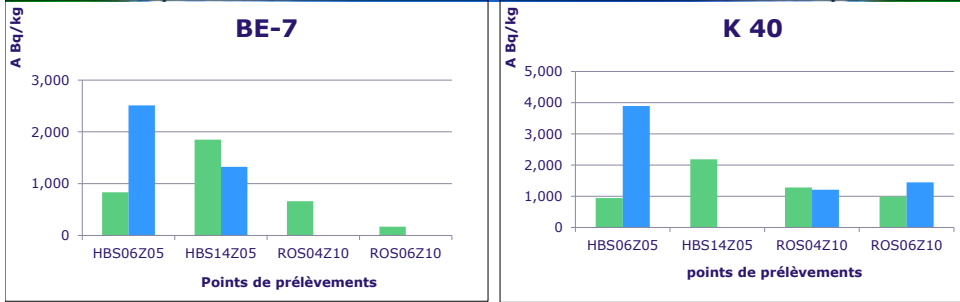
Sediment Samples



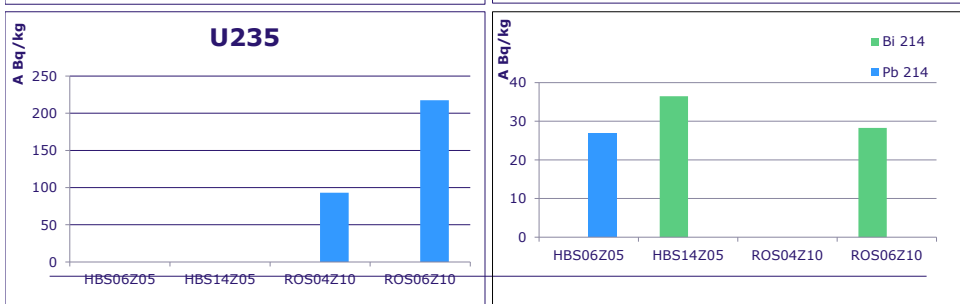
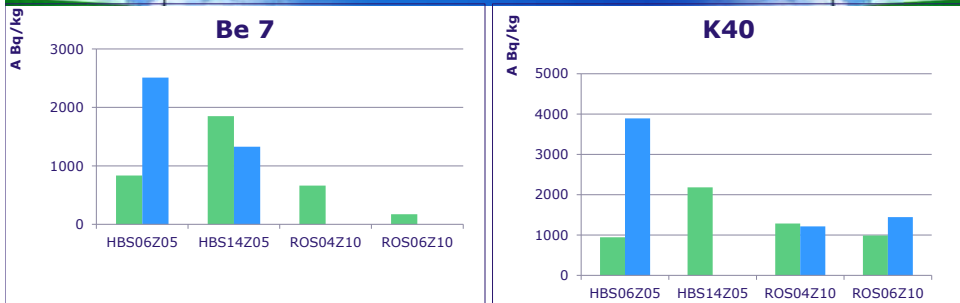
Sediment Samples



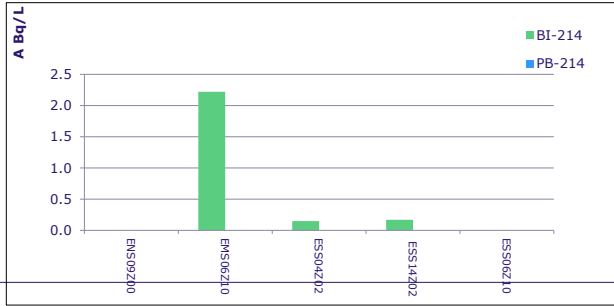
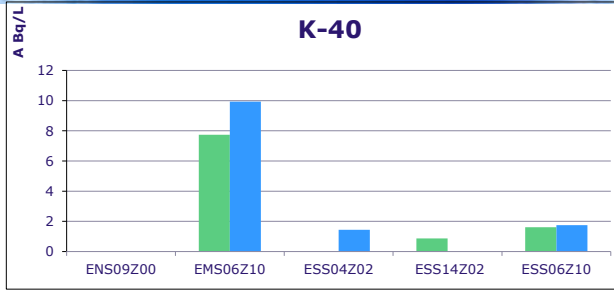
Vegetation Samples



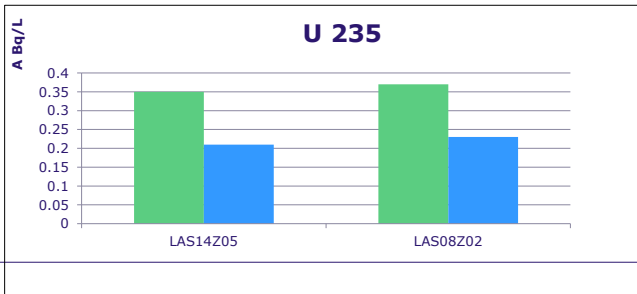
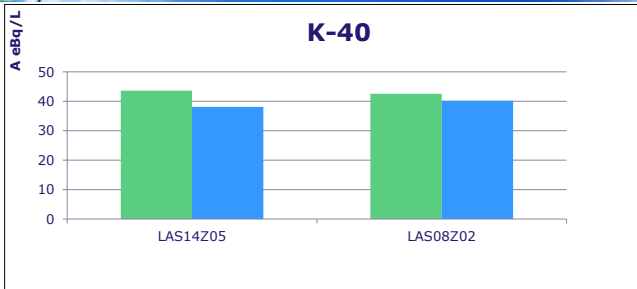
Vegetation Samples

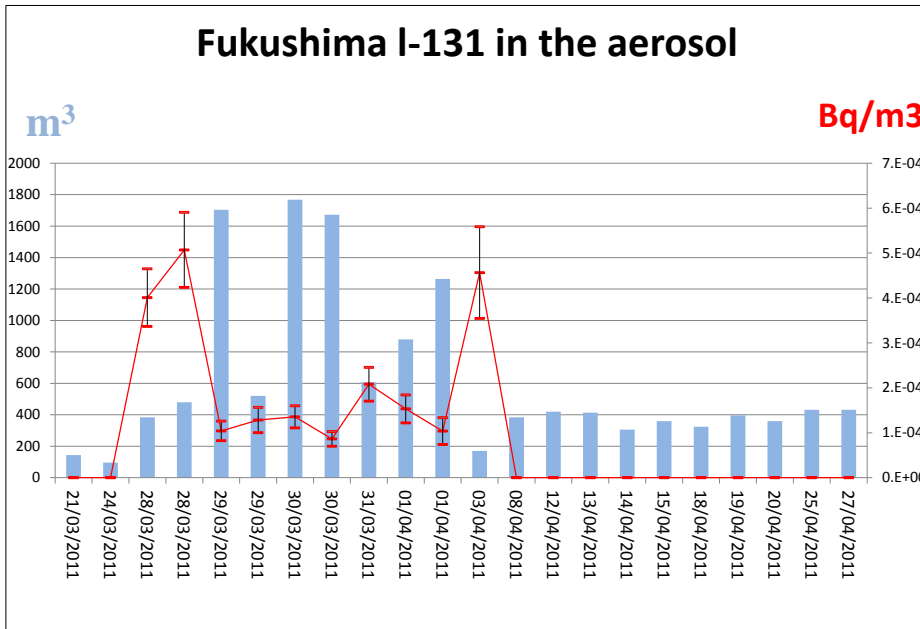


Water Samples

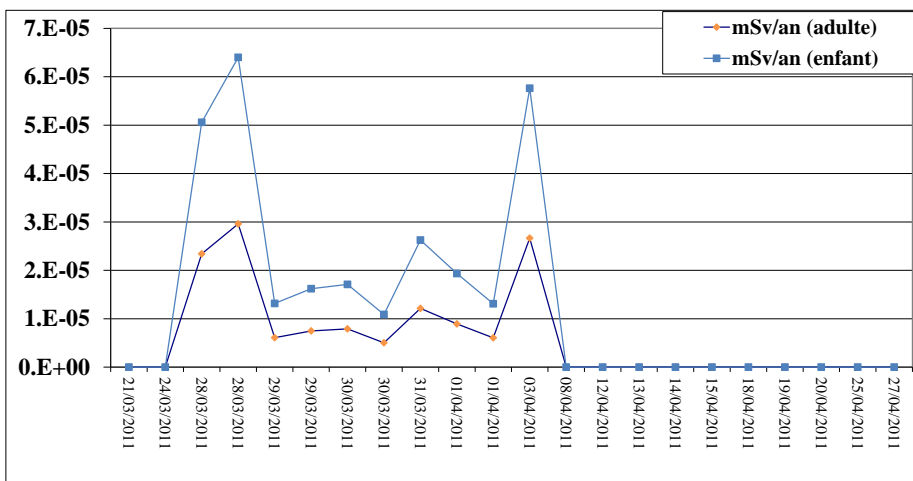


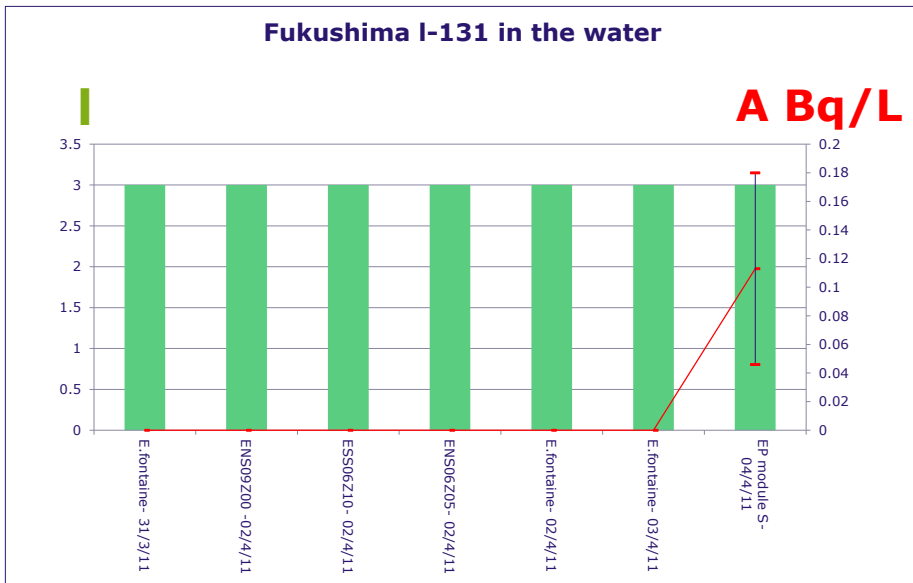
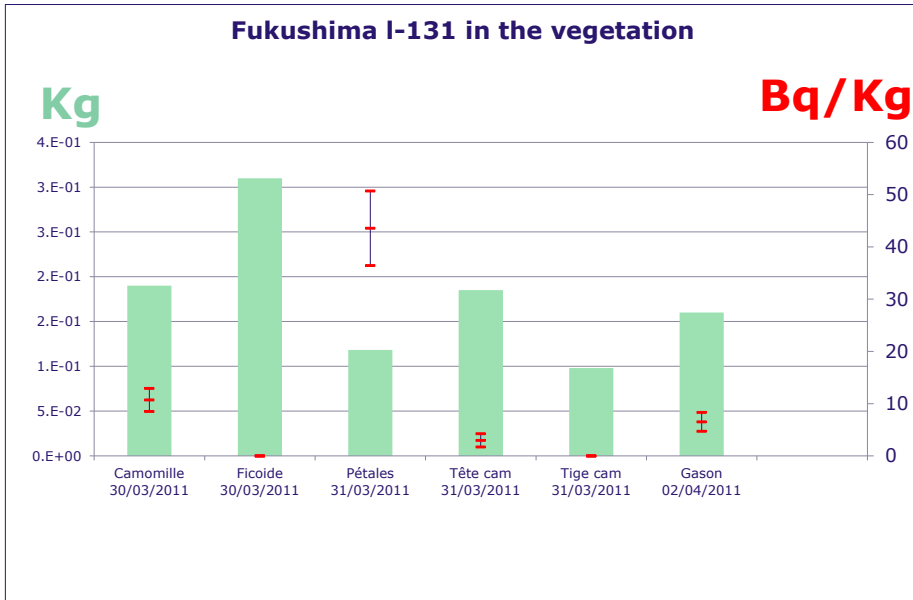
Milk Sample

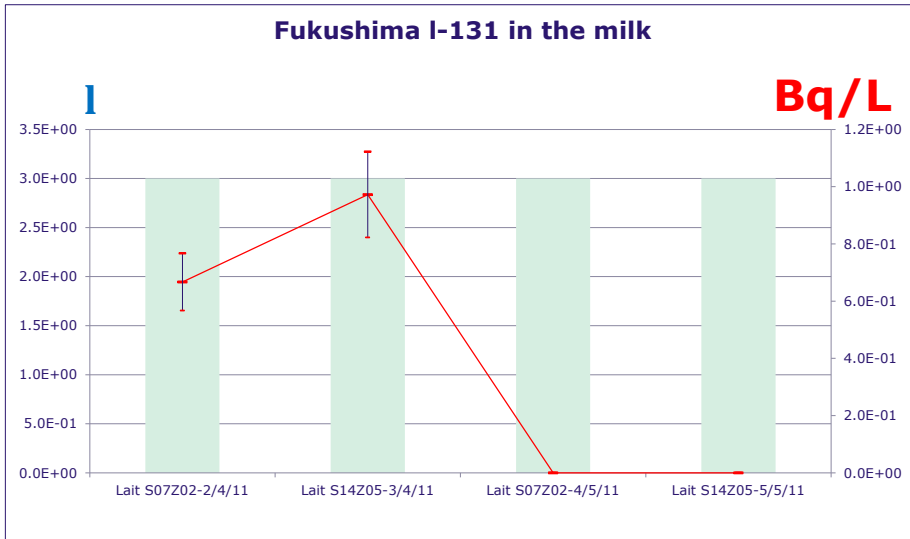




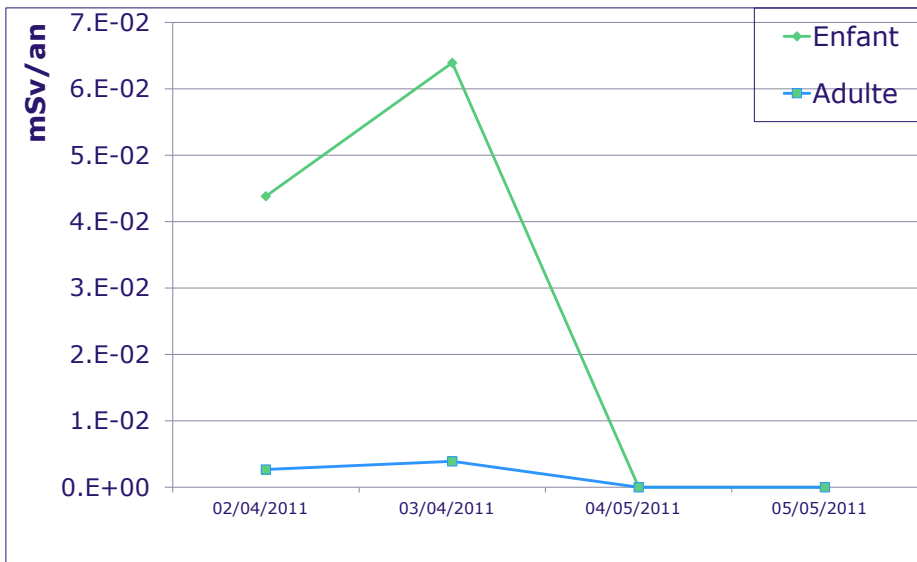
Impact of the inhalation of the I-131







Impact of the ingestion of the I-131



Reporting

- Quarterly reporting to the authority
- Annual reporting to the authority
- Reporting for:
 - internal analysis demands,
 - interventions,
 - clients,
 - PT exercises,
 - other projects.

Challenges

- Recruitment
- Training
- Maintenance of equipment
- Accreditation



CNESTEN

Merci pour votre attention

