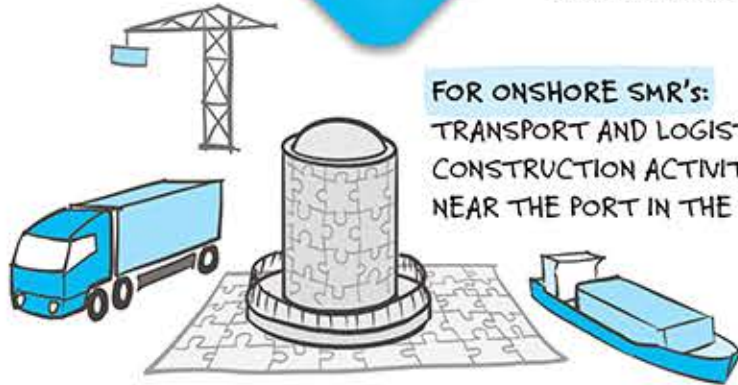


THE SMR SUPPLY CHAIN POTENTIAL for the Port of Rotterdam



IDENTIFIED AS POTENTIALLY RELEVANT,
MOST OPPORTUNITIES CONCERN NON-NUCLEAR ACTIVITIES



FOR ONSHORE SMR's:
TRANSPORT AND LOGISTICS, COMPONENT SUPPLY,
CONSTRUCTION ACTIVITIES FOR SMR's DEPLOYED
NEAR THE PORT IN THE NETHERLANDS



IMPACT

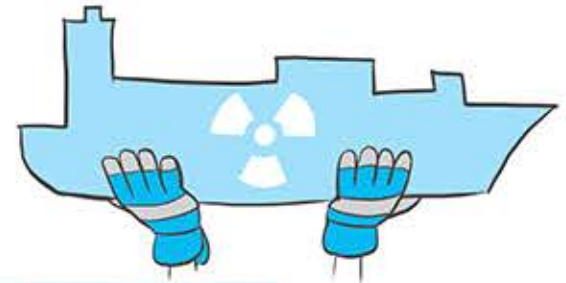
PORT OF ROTTERDAM:
STRONG POTENTIAL FOR EMERGING
INTERNATIONAL SMR SUPPLY CHAIN

★ LARGE INDUSTRIAL ECOSYSTEM

★ STRONG LOGISTICAL CAPABILITIES

★ MARITIME EXPERTISE

★ STRATEGIC LOCATION TOWARDS
THE EUROPEAN HINTERLAND



FOR OFFSHORE AND MARITIME SMR's:
WIDER POTENTIAL THAN ONSHORE: IN ADDITION TO LOGISTICS,
A POTENTIAL TO BE MORE INVOLVED IN THE MODULES AND
CONSTRUCTION CHAINS, AS WELL AS MAINTENANCE & SUPPORT
TO NUCLEAR-POWERED VESSELS AND BARGES

RESEARCH

GROWING INTEREST IN SMR's
IN THE NETHERLANDS/EUROPE

PREFAB



SMR = SMALL MODULAR REACTOR

EXPECTED SHORTER
CONSTRUCTION TIMES
AND LOWER COSTS

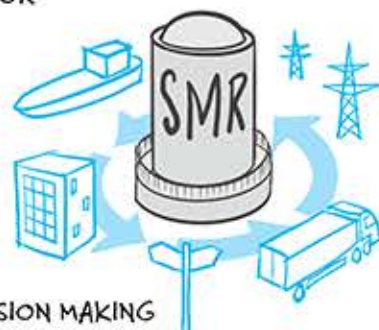
LOCAL APPLICATION

STUDY:

A BETTER UNDERSTANDING OF
THE EMERGING SMR SUPPLY CHAIN

IDENTIFY BUSINESS POTENTIAL
FOR THE PORT OF ROTTERDAM

PROVIDE A STRATEGIC BASE FOR DECISION MAKING



DESK STUDY, INTERVIEWS, WORKSHOPS WITH EXPERTS

? WILL THERE BE A ROLE FOR THE PORT OF ROTTERDAM
IN THE SMR SUPPLY CHAIN?

? WHAT ROLES, AND HOW CAN WE BEST POSITION
THE PORT OF ROTTERDAM AND PREPARE FOR IT?

RESEARCH

OPPORTUNITIES

ROTTERDAM CAN, DEPENDING
ON AMBITION AND EFFORT, BECOME:



A LOGISTICS AND TRANSIT HUB FOR
SMR COMPONENTS

AN INDUSTRIAL ECOSYSTEM SUPPORTING
THE CONSTRUCTION AND INTEGRATION
OF SMR MODULES AND COMPONENTS



A STRATEGIC EUROPEAN NUCLEAR PORT FOR
MARITIME ROUTES AND NUCLEAR-POWERED VESSELS

ATTRACTIVE FOR NUCLEAR-RELATED INDUSTRIAL ACTIVITIES
LINKED TO FUEL, SERVICING AND WASTE MANAGEMENT

TAKE 4 STEPS NOW



DEFINE THE LEVEL OF AMBITION FOR INVOLVEMENT



ORGANIZE A PUBLIC-PRIVATE PLATFORM



DEVELOP A SHARED USP AND ACTION PLAN FOR THE
POSITIONING OF ROTTERDAM



EXECUTE, ENSURE PRECONDITIONS, SOLVE CHALLENGES

CHALLENGES

LIMITED NUCLEAR
CAPABILITIES

MARKET
UNCERTAINTY

REGULATORY
UNCERTAINTY

STRATEGIC CHOICES
STILL REQUIRED

HIGH
ENTRY BARRIERS

CAPABILITY BUILDING:

NUCLEAR QUALIFICATIONS, CERTIFICATIONS AND EXPERIENCE TO STRENGTHEN
COMPETITIVENESS IN THE NUCLEAR MARKET



PARTNERS

