

# The European Commission's science and knowledge service

Joint Research Centre

## JRC cooperation with the Contracting Parties

*- status quo: challenges of the assignment -*

**Nicola Zaccarelli**

*Energy Security, Distribution and Markets Unit C3*

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# Regulation (EU) No 2017/1938

Confirms the approach and philosophy of Reg. (EU) No 994/2010.

*Introduces new and improves existing elements (among others):*

- *Regional approach with “risk groups” (mainly based on supply corridors, Annex I);*
- *Solidarity principle (art. 13);*
- *Templates (vs. list of content) for all documents (e.g., Annex IV);*
- *Supports hydraulic analyses (see N-1 national) (art.7);*
- *Collaboration with Energy Community Contracting Parties (art.16).*

*Contracting Parties are NOT obliged to apply Reg. (EU) 2017/1938.*

# JRC activities for Reg.(EU) No 2017/1938

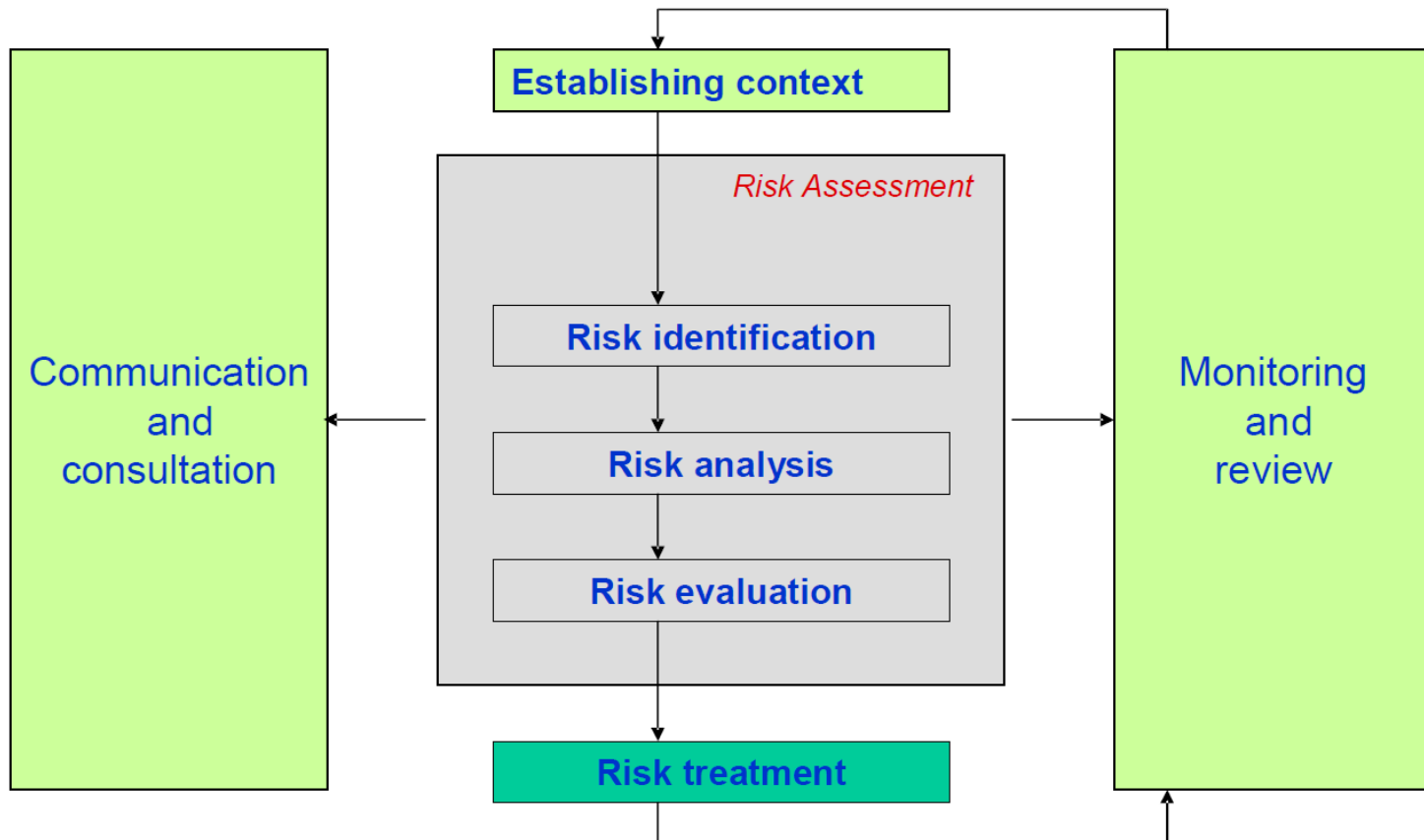
*Since the enactment of the Regulation JRC has:*

- *Developed the foundations of the common Risk Assessment of the North-Eastern risk group (Estonia, Latvia and Lithuania);*
- *Advised and supported the risk group “Ukraine” and “Belarus” for the methodology and the assessment of impacts (by mass-balance simulations using GEMFLOW);*
- *Supporting the risk group “Trans-Balkan” with hydraulic simulations;*
- *Supported Ukraine for the third year in implementing national SoS regulation;*
- *Signed “non-disclosure agreements” with Bh-gas and GA-MA ad (undergoing with Srbijagas).*

# Planned activities for the Western-Balkan common Risk Assessment 2019:

- *To close NDA with Srbijagas by end September;*
- *Create and activate a “Working Group” by end of October with tasks: develop the “context”, stakeholder involvement, approach development, facilitate and review (among other things);*
- *Define procedure, meetings and milestones (by November);*
- *Collect infrastructure and demand data to develop and validate hydraulic model (by November);*
- *Finalise the risk identification step (by January 2019);*
- *Finalise the risk analysis step (by February 2019);*
- *Finalise the risk evaluation step (by March 2019);*
- *[Assess impact of new infrastructure projects]*

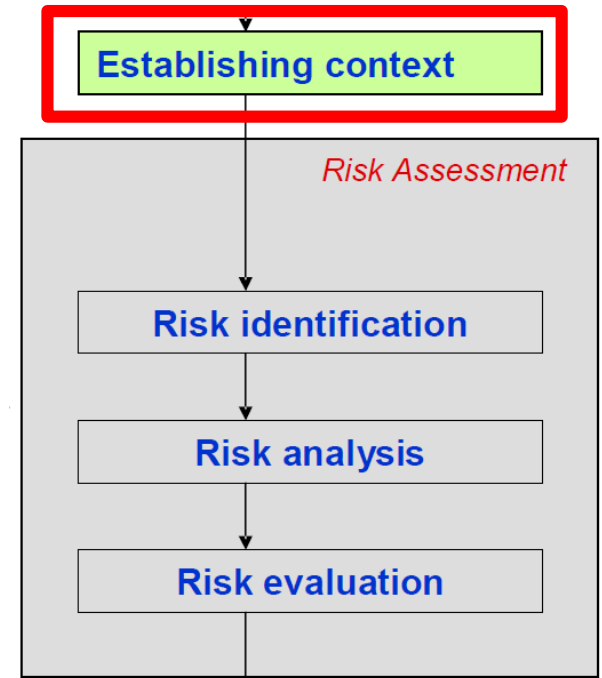
# Risk Management process ISO 31000:2009



# Steps for the RA

Use of the Template from  
Reg. (EU) 2017/1938

Other special elements of the risk  
group (e.g., internal supply  
corridors, electricity from gas)

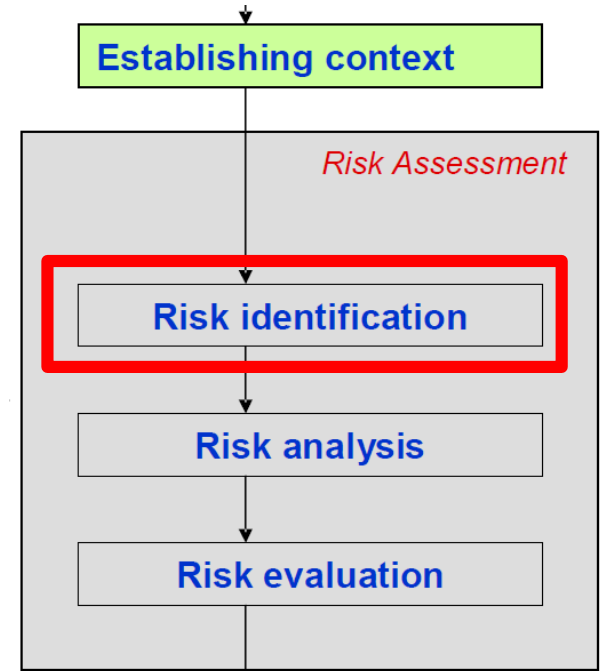


# Steps for the RA

Risk Criteria

Risk identification:

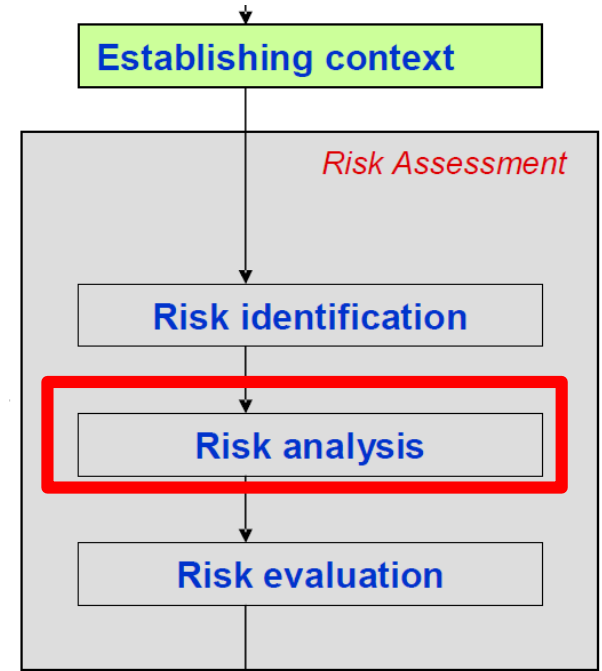
- ❖ Risk screening (JRC survey & Reg. (EU) No 2017/1938)
- ❖ Risk quantification (JRC qualitative survey)
- ❖ Risk (preliminary) ranking



# Steps for the RA

## Risk Analysis

- ❖ Risk scenarios development and ENTSOG analysis
- ❖ Likelihood assessment (expert judgement or estimates based on hard data [EGIG])
- ❖ Consequences assessment (hydraulic simulations)

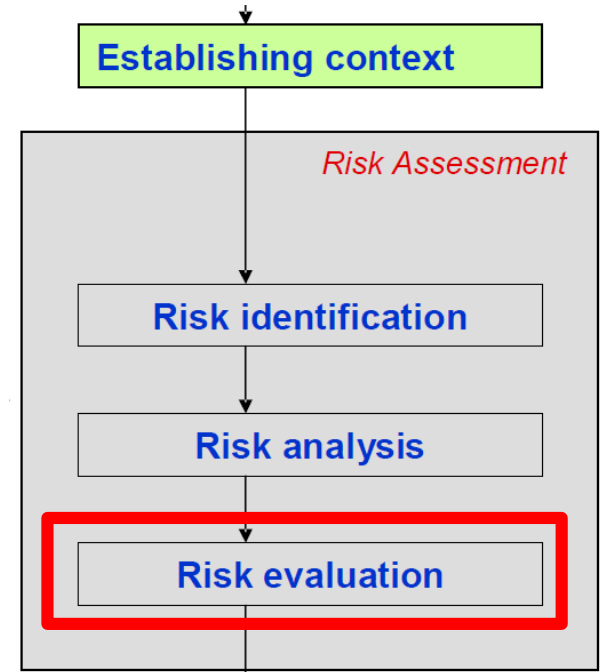




# Steps for the RA

## Risk Evaluation

- ❖ Risk matrix and Risk charts
- ❖ Ranking of risk scenarios for Preventive Action Plan
- ❖ [Assessment of new infrastructure projects]



# Common Risk Assessment challenges

- Project management (active participation is the KEY!)
- Methodological aspects:
  - Approach to RA
  - Definitions & Assumptions
  - Standards (infrastructure & supply, the 1-in-20 conundrum)

# Thank you



Questions?

[Nicola.Zaccarelli@ec.europa.eu](mailto:Nicola.Zaccarelli@ec.europa.eu)



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