



*Date: 12.03.2018*

*Place: DTU*

# Knowledge **FOR** Resilient soCiEty

**K-FORCE training visit at DTU**

**MLADEN SLIJEPČEVIĆ**

*University of Banja Luka (UNIBL),  
Bosnia and Herzegovina*



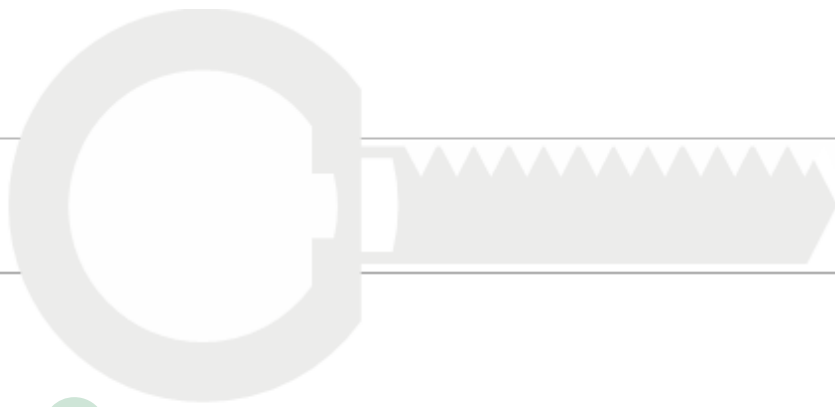
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of the European Union





- *Faculty Of Architecture and Civil Engineering - University of Banja Luka*
- *5 years INTEGRAL STUDY – general direction*  
*Equivalent to 300 ECTS*
- *Graduated in 2006*  
*Graduating thesis in **Steel Constructions***
- *Enrolled in **Postgraduate studies***  
*3 semesters – **Constructions and Materials profile***





Worked as:

- *Structural Steel and Concrete Detailer,*
- *Site works Engineer in the execution of Steel and Concrete works*
- *Structural Steel Designer*

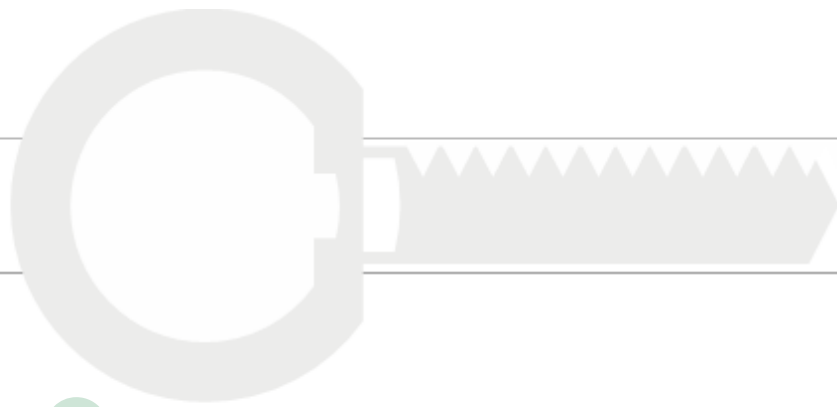
At the same time attended **Postgraduate studies**

Worked as *Structural Engineer* from 2006 - 2015



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 *Currently in position of Teaching Assistant on Subjects (from 2015):*

- *Constructive Engineering 2*
- *Steel Constructions 1*
- *Steel Constructions 2*
- *Timber Constructions*
- *Steel and Timber Constructions*

 *Actively involved In Research Activities*

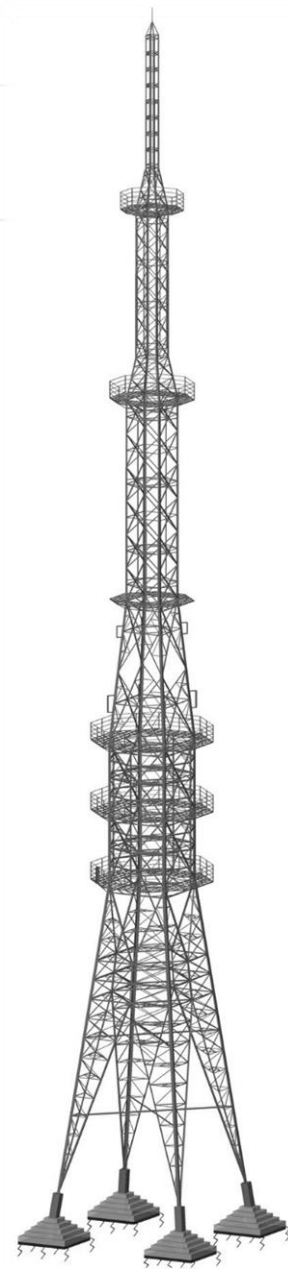
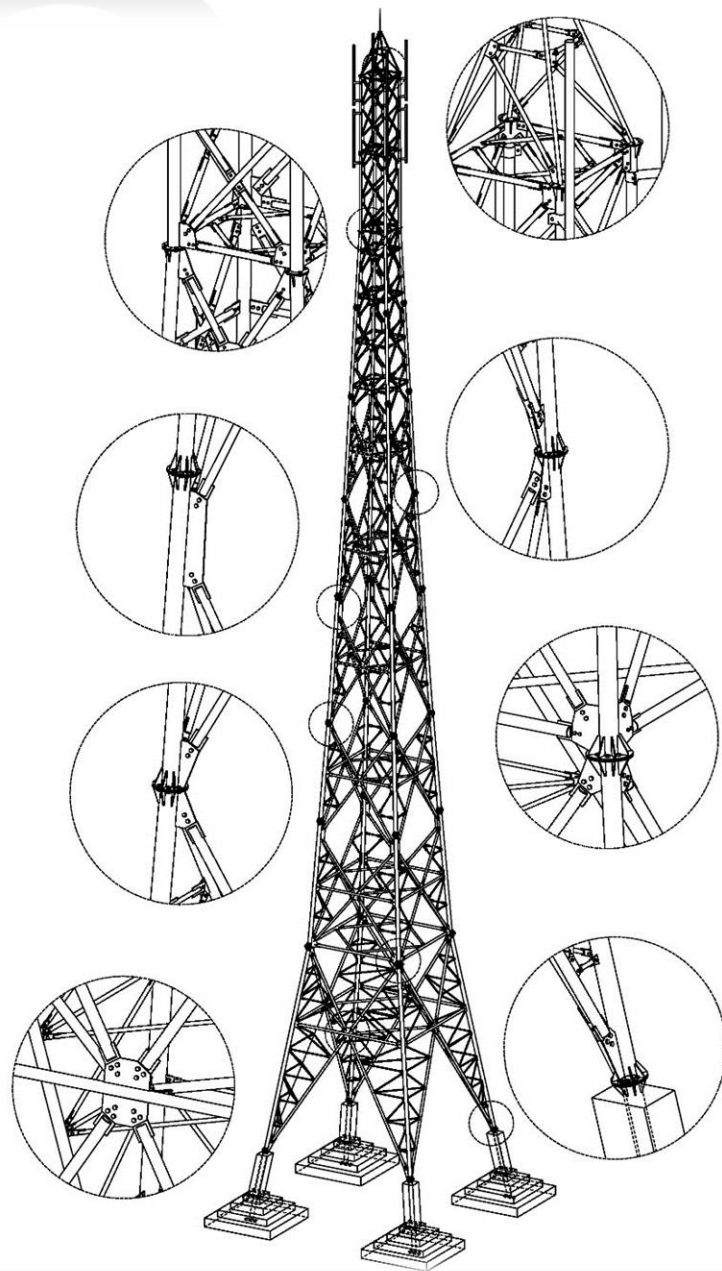


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## ***Steel antenna towers up to 90 m in height***

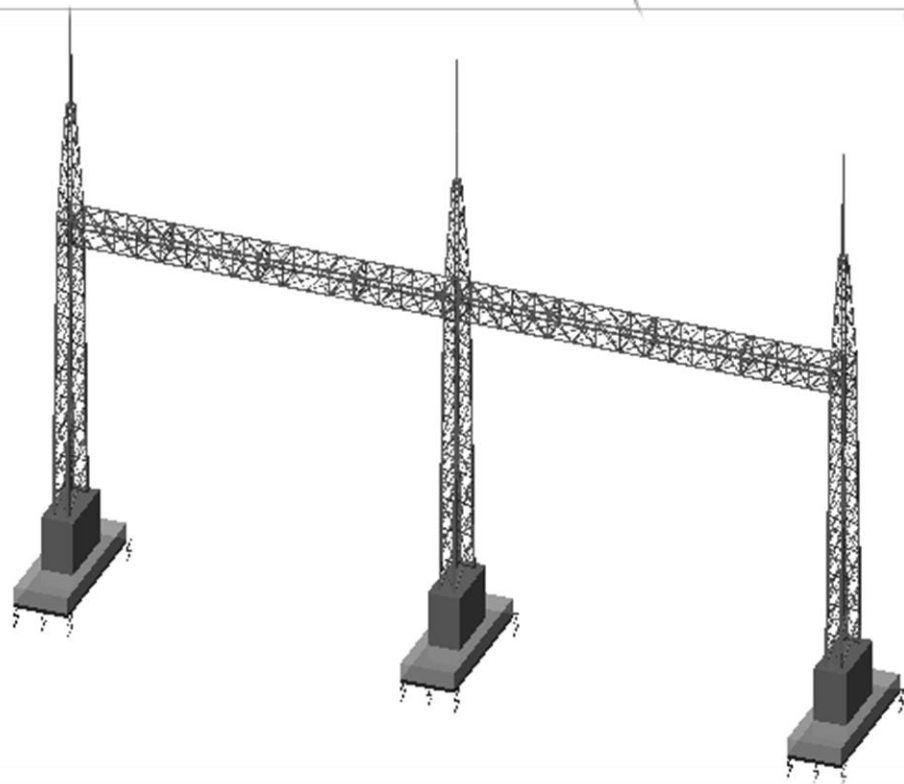
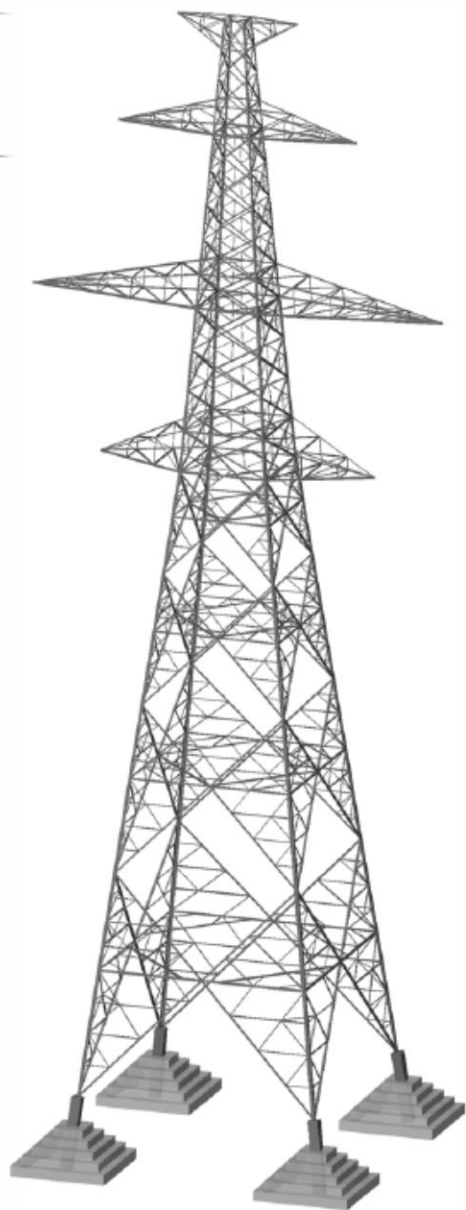






***Transmission towers  
up to 60 m in height***



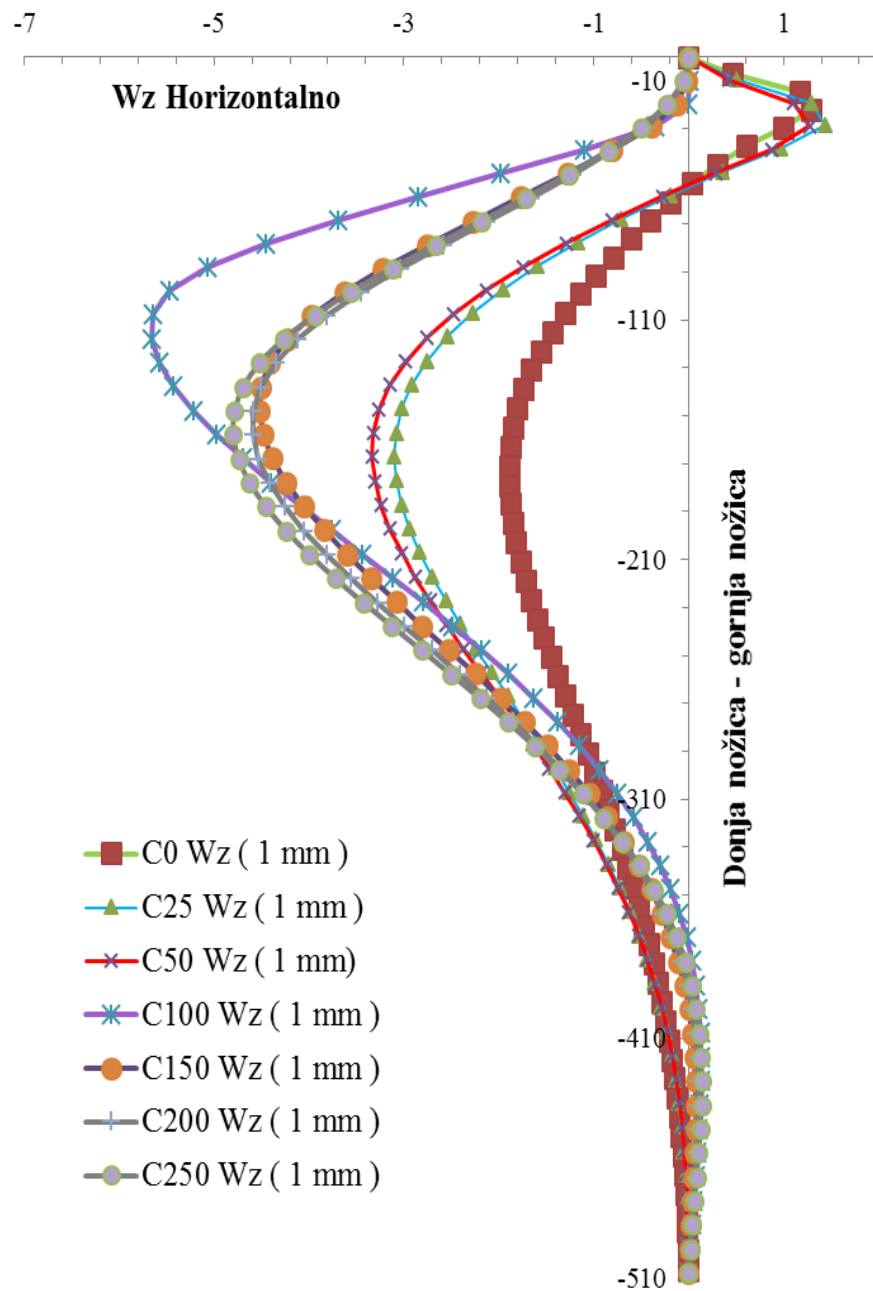
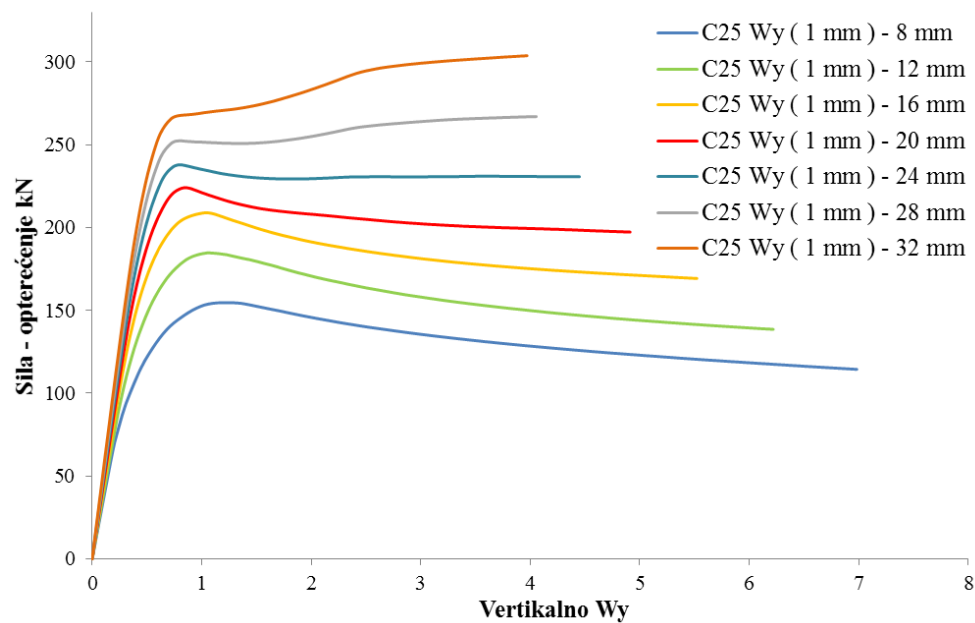
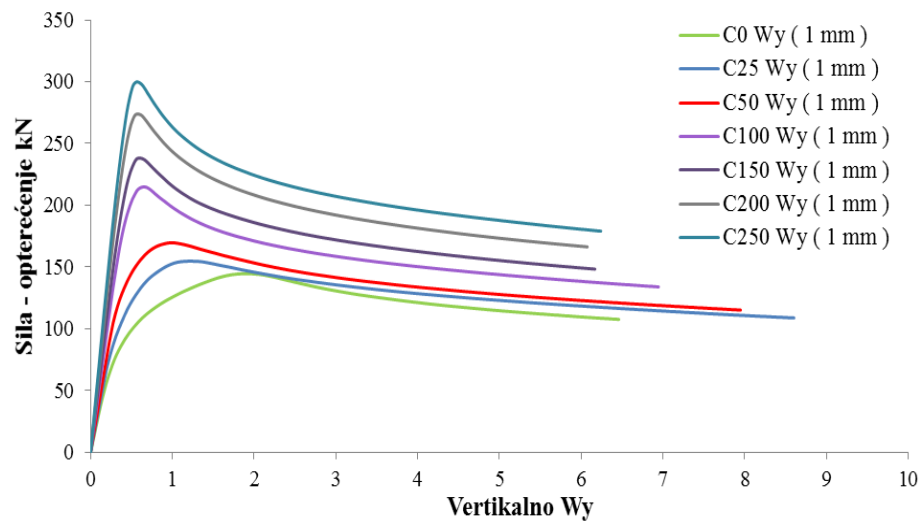


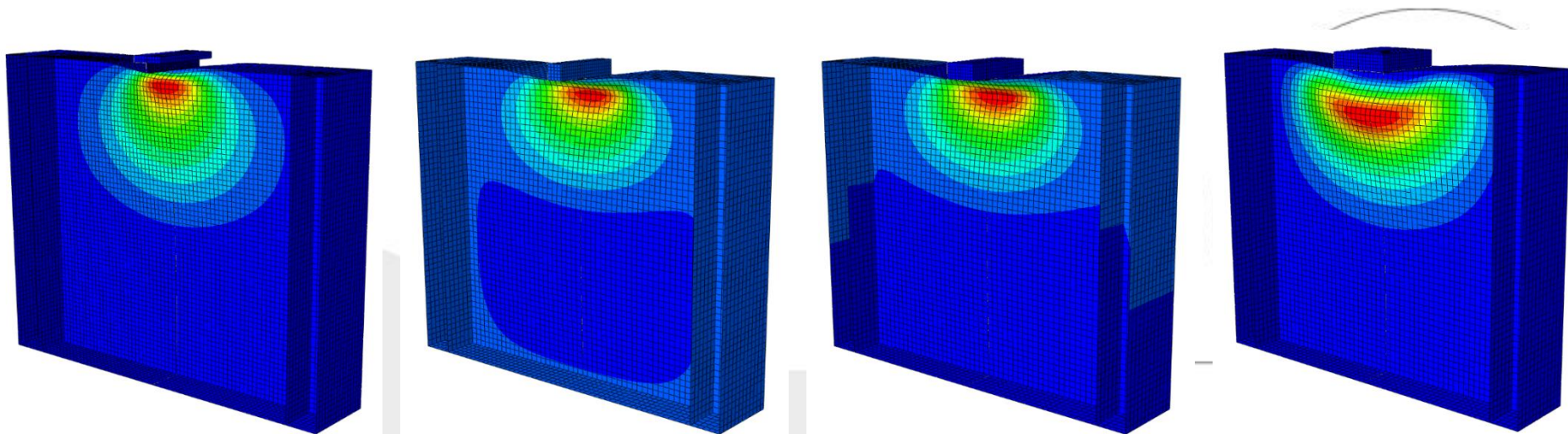


***Postgraduate studies thesis:***

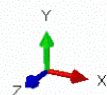
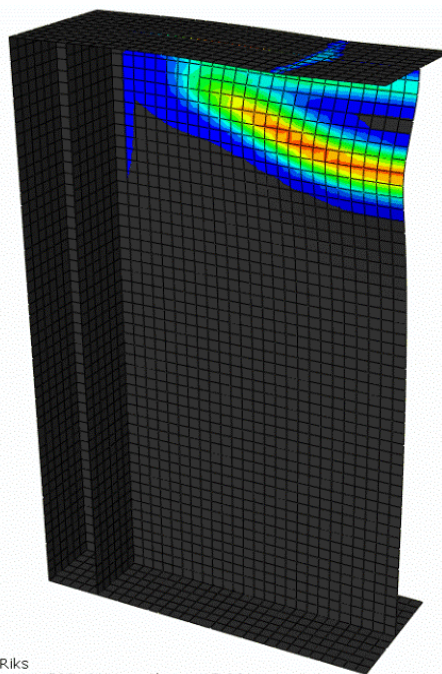
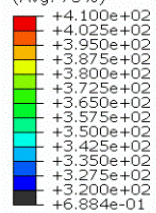
***ANALYSIS OF TRANSVERSE CONCENTRATED LOAD INFLUENCE  
ON THIN WALLED GIRDERS – PATCH LOADING***



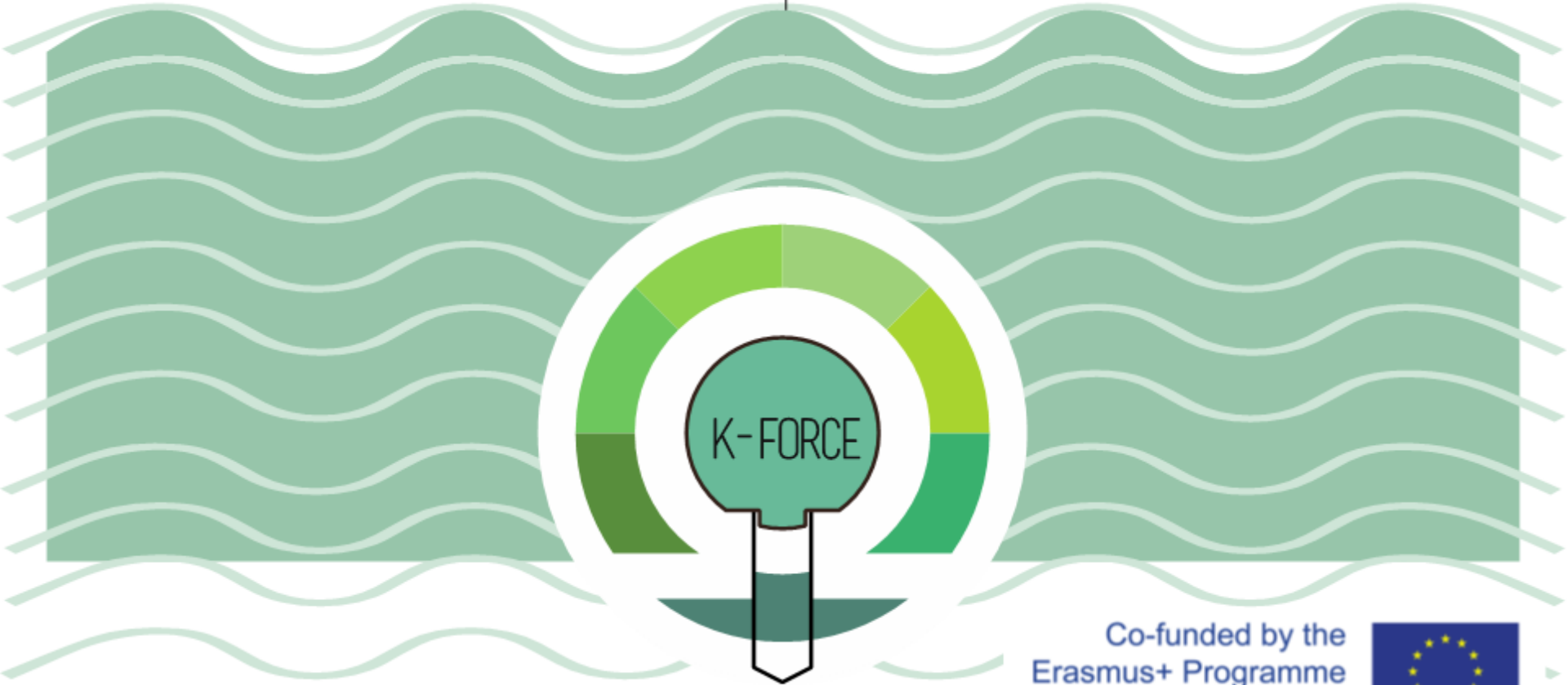




S, Mises  
SNEG, (fraction = -1.0)  
(Avg: 75%)



Step: Riks  
Increment 200: Arc Length = 18.96  
Primary Var: S, Mises  
Deformed Var: U Deformation Scale Factor: +1.000e+00



Thank you  
for your attention  
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**Knowledge FOR Resilient soCiEty**