Ukraine Improvised Explosive Devices

# Online Studio 3 Team 3

# Scenario

The NATO Counter-IED Center of Excellence (NATO C-IED COE) which is an International Military Organization, multinationally manned and funded by contributions from 9 sponsoring NATO nations (<http://www.coec-ied.es/>). The NATO C-IED COE produced a dataset about the Ukraine Improvised Explosive Devices (IED) situation. This dataset serves as the basis of our visualization project.

This project will allow the exploration of over 600 Improvised Explosive Devices incidents in Ukraine mostly over the past 2 years for the purpose of highlighting and better understanding the temporal, geographical and political patterns in that data. We will consider additional census data and election statistics to uncover potential regional patterns, as well as publicly available data about the existing conflict in Eastern Ukraine. We intend to employ interactive visualization to generate better insights about the Ukraine IED situation.

# Task 1 for Studio 3 Team 2 – Geo-temporal pattern analysis

From the prototype sketches, imagine how you can proceed to find out in which cities had high incidents rate. Can you tell around where and around which time there were the IED events most deadly?

# Task 2 for Studio 3 Team 2 – Regional pattern analysis

From the prototype sketches again, imagine how you would proceed to find out which Ukraine regions had the highest incident rates. Do these regions have different characteristics from the other regions where less IED events happen (language, population, economic)?