

Professional and collaborative experience of the Baltic+ course

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Baltic+ objectives

- ◆ Improvement of professional level
- ◆ Introducing with work particularities in neighbouring countries
- ◆ Sharing&Implementation of acquired knowledge
- ◆ Keeping relationship between colleagues



We started from...

- ◆ Motivation & Our needs
- ◆ Our resources
 - Financial
 - Technical
 - Working group
- ◆ Discussions with NHMSs (2012-2014)
- ◆ Cooperation Paper
- ◆ Address to EUMETSAT



In November 2014 EUMETSAT kindly promised to support the Baltic+ course for the next five years. On behalf of the Baltic countries we would like to ask EUMETSAT for approval for the sponsorship of the Baltic+ 2016 course hosted by the Institute of Meteorology and Water Management – National Research Institute in Poland.

As training resources are essential to make the course successful we would appreciate participation in the course of one of the EUMETSAT Training Officers.

Attached to this letter is a cooperation paper describing the background, organization and financial aspects of the planned course which had been approved before the first Baltic+ training was convened.

Baltic+ course cooperation paper with EUMETSAT

1. The background of the Baltic+ course

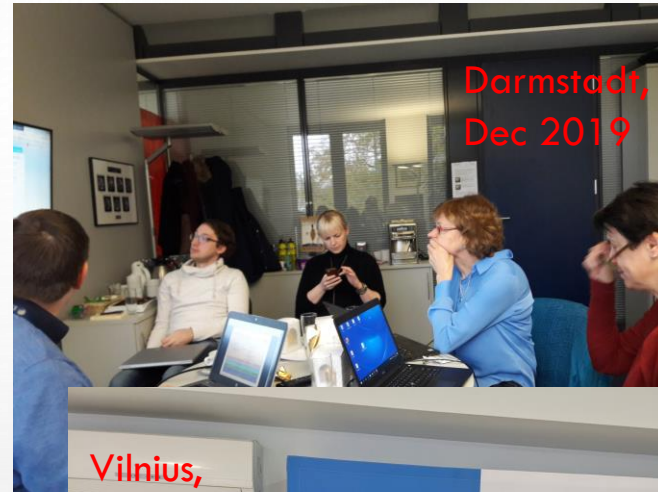
The Baltic+ course is the joint initiative of the National M Latvia, Lithuania, Estonia and Poland in order to increase the use of satellite observations and to have a meeting place for e and knowledge. The objective of the course is to devel programme that brings the new developments in satellite meteorology and in tools and methodology for operational forecasting and to promote networking amongst meteorologists and experts from the participating countries. The core topics at the course are: operational use of satellite data, the use of different satellite products derived from the SAF network and other applications of the newest multi-spectral environmental satellites.

Yours sincerely,
DYREKTOR
dr inż. Przemysław Lagodźki

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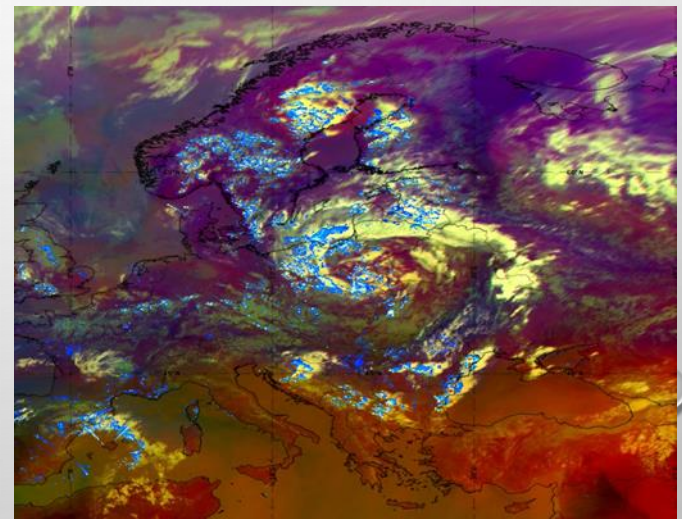
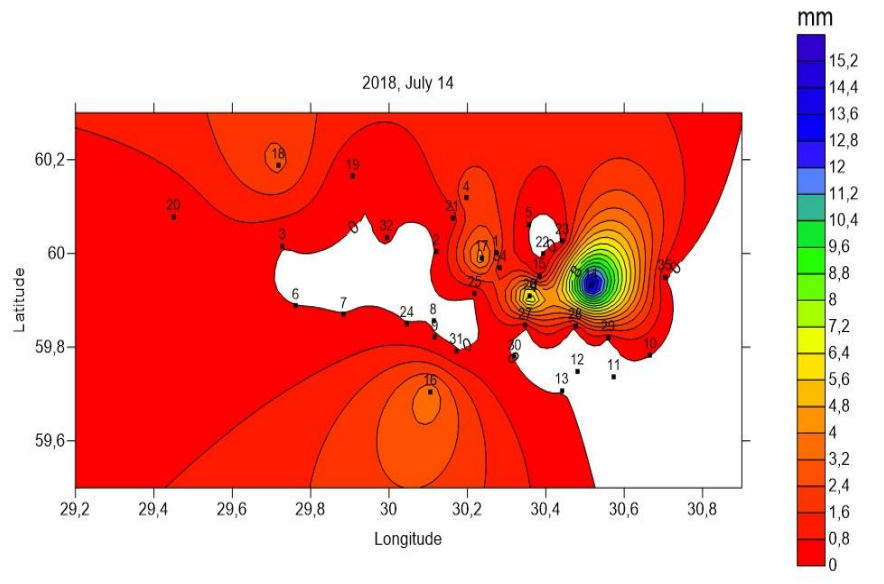
We created the Action Plan

- ◆ Contact persons
- ◆ Core topic
- ◆ Training Development Plan
- ◆ Instructors' team formation
- ◆ Invitation & Application forms to NHMSs



Main themes

- ◆ Frontal systems in satpictures (Tallinn, 2015)
- ◆ Low clouds and fog (Warsaw, 2016)
- ◆ Severe summer convection (Vilnius, 2017)
- ◆ Non-frontal mesoscale phenomena & SAFs (Riga, 2018)
- ◆ Heavy precipitation & sea-land effect (Tallinn, 2019)
- ◆ Satellite products for diagnosis of southerly flow environment favourable to pre-convection and summertime heavy precipitation (Poland, **online**, 2021)
- ◆ Cloudiness and severe weather phenomena in cold season (to be held in Vilnius, autumn 2022)



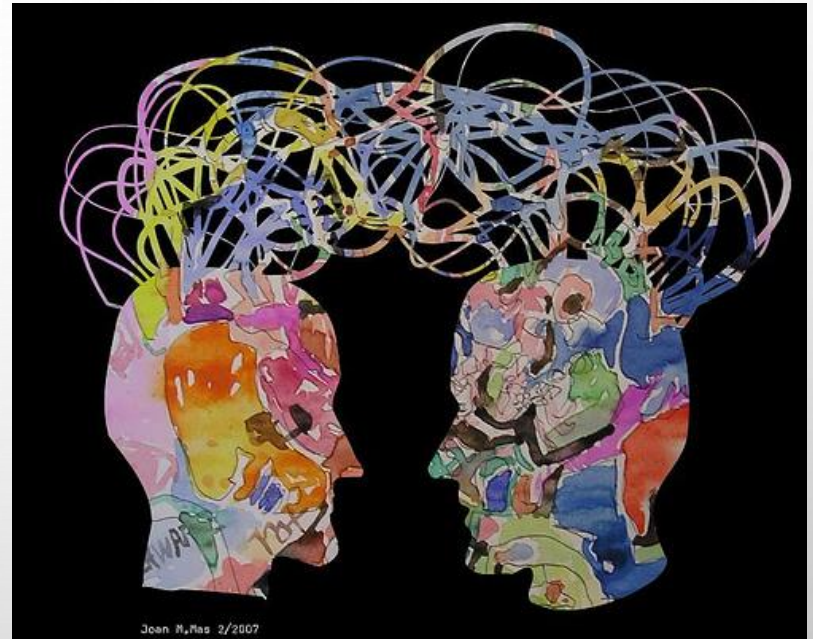
Communication (blended style: online&F2F)

- ◆ Exercises, quizzes
- ◆ Collaborative Case Studies
- ◆ Forums
- ◆ Group presentations
- ◆ Friendly atmosphere
- ◆ Emotions, social events
- ◆ Further efficient collaboration



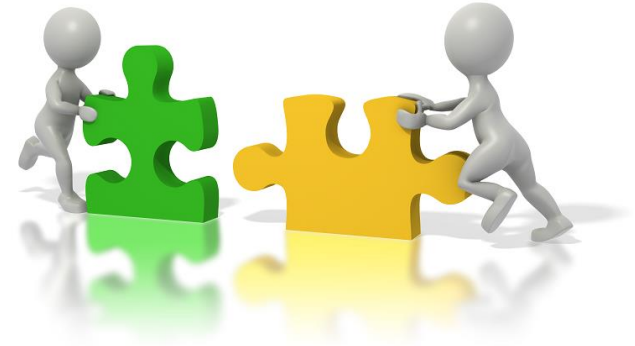
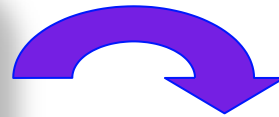
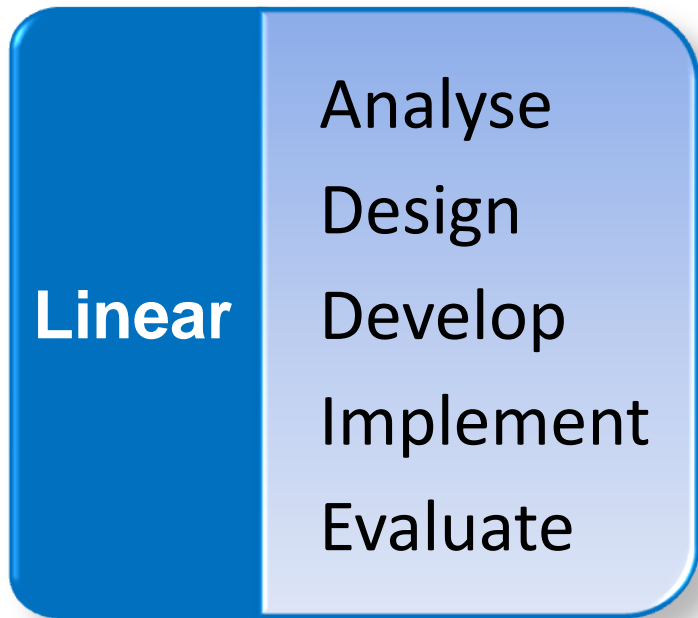
Collaborate (from obscurity to decision making)

- ◆ Emails
- ◆ Skype/Phone
- ◆ Saba/Webex/Zoom
- ◆ Moodle platform on EUMETSAT Training Zone
- ◆ Discussions with teachers
- ◆ Collaborative Case Studies presentations

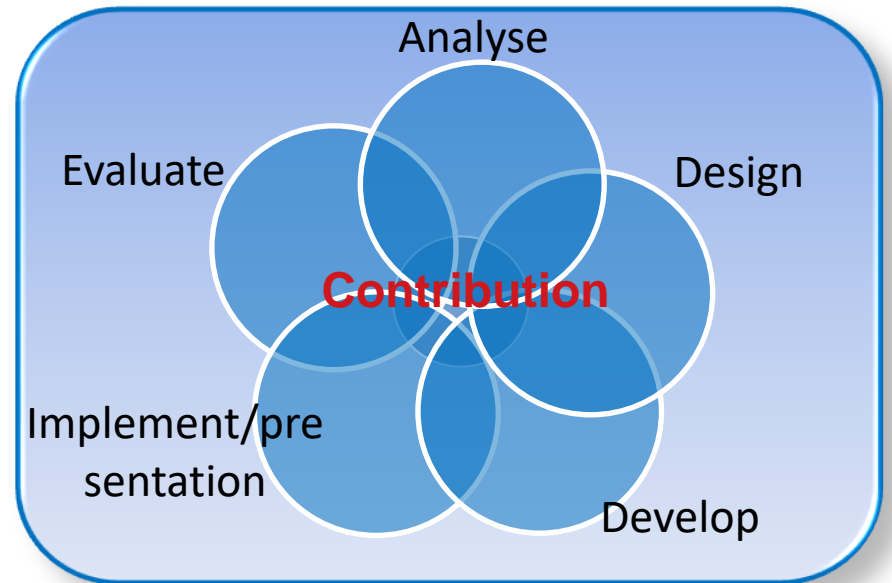


Collaborative Case Study process

From...

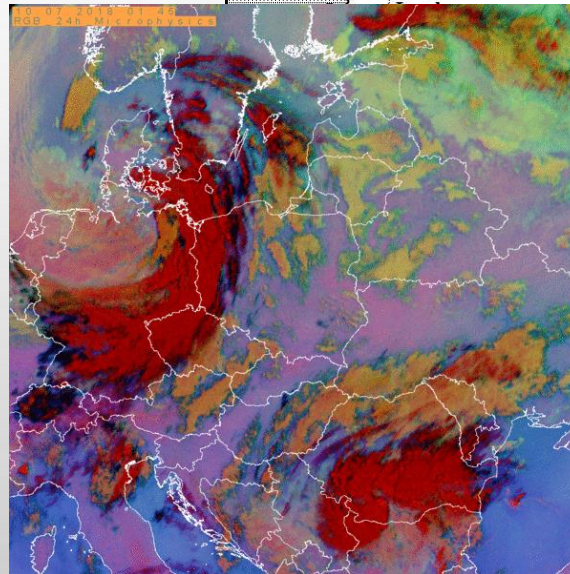
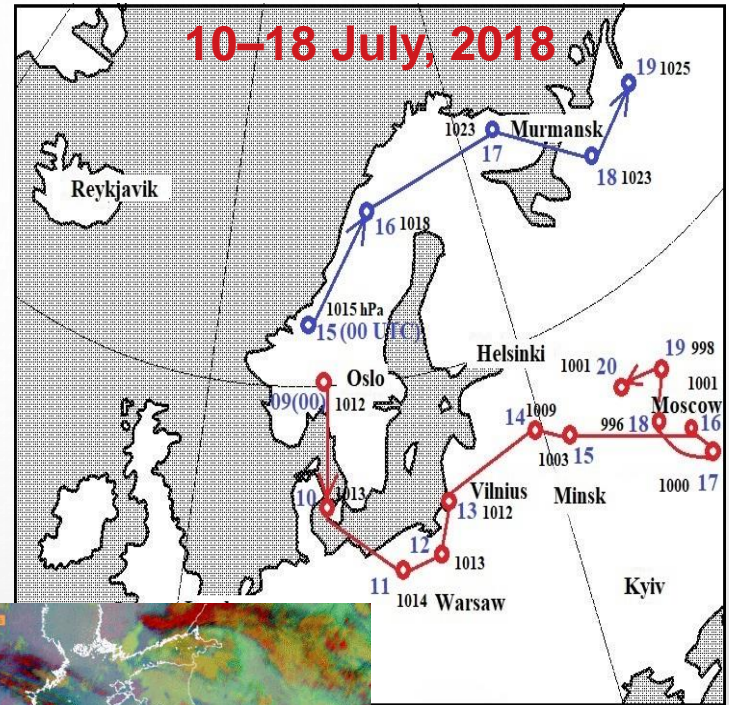


to...



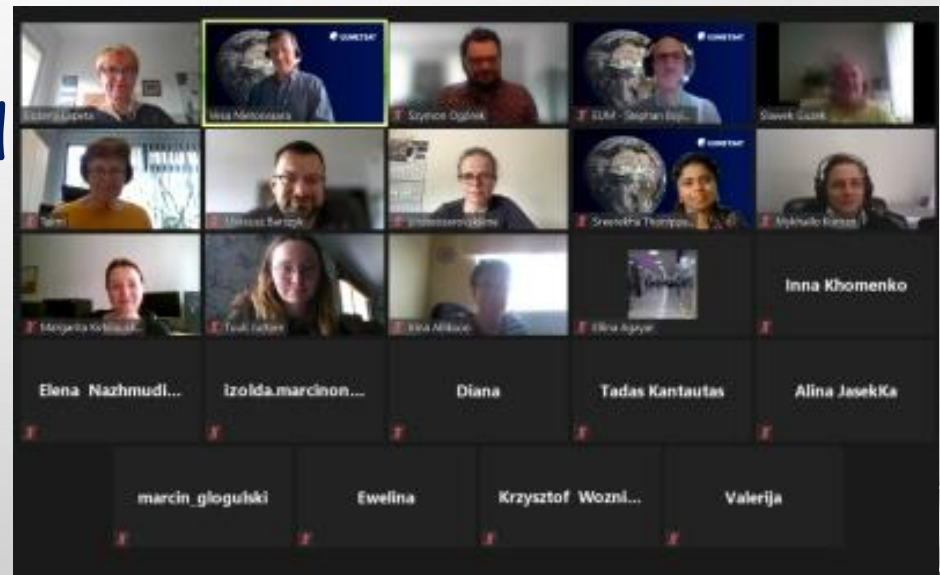
Clouds unite us...

- ◆ Analysis of separate events
- ◆ Monitor of the process
- ◆ Connected in weather events
- ◆ Discussions
- ◆ Collective results



Challenge in 2020-2021

- ◆ Cancelled in 2020
- ◆ Online instead of blended course in 2021
- ◆ New tools/activities
- ◆ More Live sessions and Webinars
- ◆ Follow-up Workshop instead of F2F
- ◆ Groups' presentations online



We implemented Action Plan

- ◆ The newest knowledge in satellite data, SAFs, NWP
- ◆ Modern tools/activities/games
- ◆ Simulation of the process
- ◆ Experts' comments
- ◆ Assessment
- ◆ Report to EUMETSAT
- ◆ Future plans



Introduce yourself!

Write a few words about you and/or your work. You can add a picture, drawing etc, if you so wish.

[Open in New Window](#)

Vesa + 38 · 1yr

SHARE



Baltic+ 2021 Participants

Anonymous 1yr

HELLO!

I am Anzhelika Hanchuk from Ukraine, operational meteorologist at National

Anonymous 1yr

Hello!



Anonymous 1yr

Hello!

I'm Ewelina from Warsaw, Poland. I work in IMGW-PIB. I specialize in aviation weather forecasts. All

Anonymous 1yr

Hello!

I'm Marcin from Warsaw, Poland. I'm aviation weather forecaster (IMGW-PIB). Wish you all CAVOK :)

Share (what we learned)

- ◆ The first introduction with the Baltic+, Seoul 2015
- ◆ Publish at the EUMETSAT Training Bulletin, 2017
- ◆ More in Melbourne, 2017
- ◆ Baltic+: High quality training in convection, ECSS2017
- ◆ 2 presentations at CALMET XIII, 2019



The Baltic+ course for deeper knowledge and closer relationship

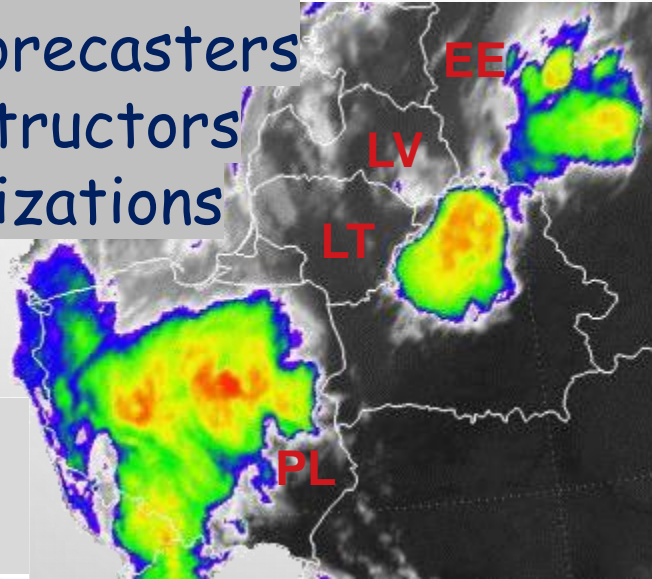
13 FEBRUARY TO 16 MARCH 2017 / ONLINE AND VILNIUS, LITHUANIA



initiative of the
Services of Estonia,
Forecasters from

The Baltic+ connected ...

12 countries
>160 forecasters
>30 instructors
4 organizations

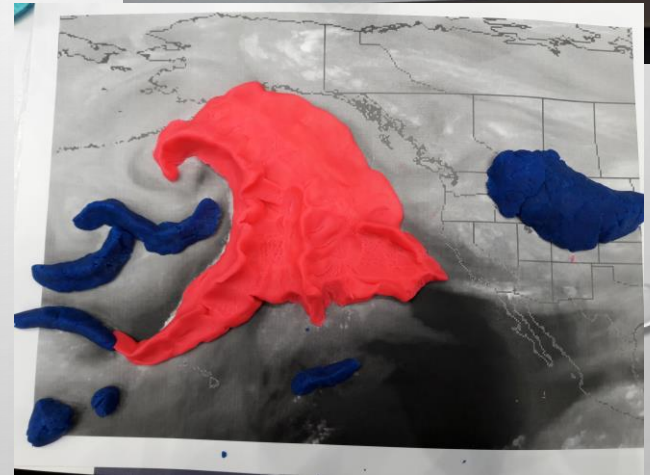
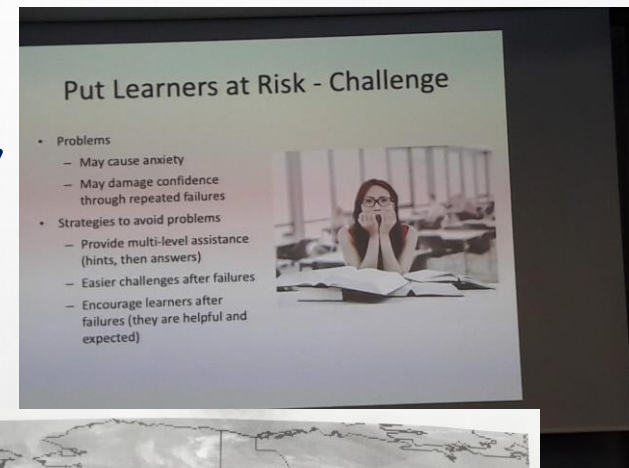


+ remains only
for Ukraine



Recommendation & Conclusions

- ◆ Find the weakness and the actual needs
- ◆ Get support from colleagues
- ◆ Choose a competent experts' team
- ◆ Detailed TDP - good help and necessity
- ◆ Know and feel the audience
- ◆ Check personal skills
- ◆ Course evaluation and feedback
- ◆ Good investment & a step forwards
- ◆ Tight contacts between colleagues
- ◆ Future: impact-based weather warnings, customers' needs, psychological aspects



We are OPTIMISTS

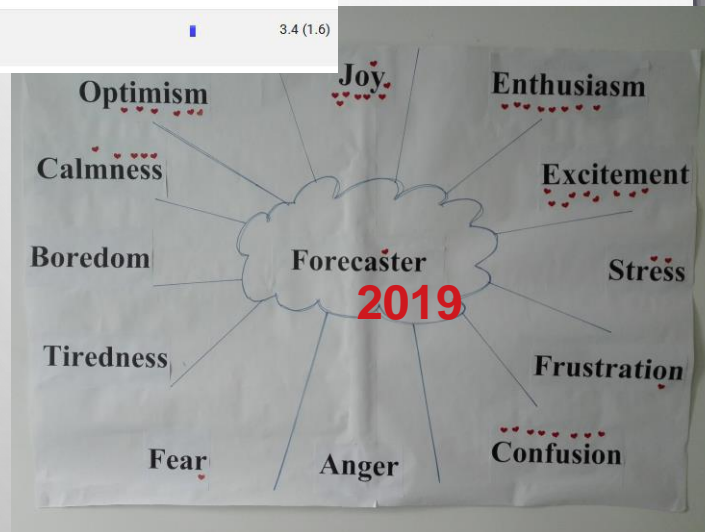
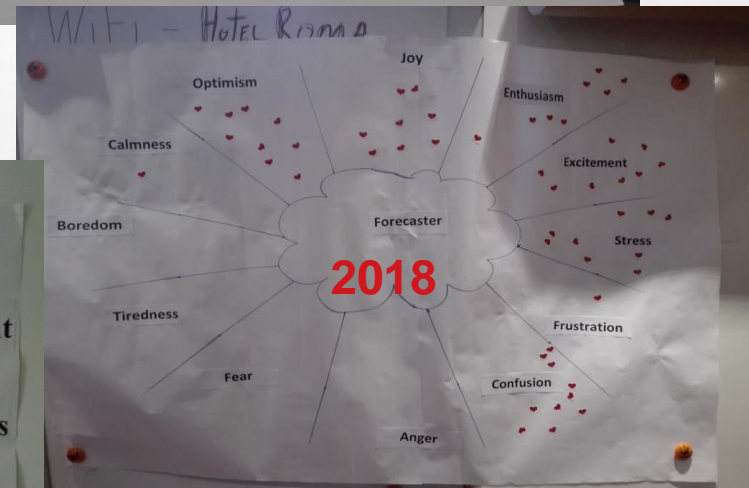
Communication and collaboration

Please rate each of the following items.

Average rank (and average values) ↓

-	-	+	++
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Course goals and objectives were clearly communicated.	■	3.8 (1.2)
Assignments were clearly communicated and explained.	■	3.6 (1.4)
Feedback from instructors was timely and sufficient.	■	3.9 (1.1)
There were sufficient opportunities to share with/ learn from /work with colleagues.	■	3.4 (1.6)



Thank You, the Baltic Plus!
Let's meet in Vilnius again 😊

