

BMKG CORPORATE
UNIVERSITY



WORLD
METEOROLOGICAL
ORGANIZATION

Regional Training Centre - Indonesia



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



OceanTeacher
GLOBAL ACADEMY
Specialized Training Centre - Indonesia

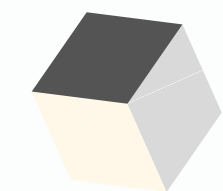
CHALLENGE BEYOND THE NEW NORMAL

A WMO GLOBAL CAMPUS

Collaborative Webinar Event, 20 to 22 January 2021

BMKG, Indonesia RTC





3 greatest education and training challenges we face

DEVELOPING ONLINE COURSE MATERIALS

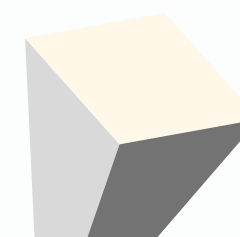
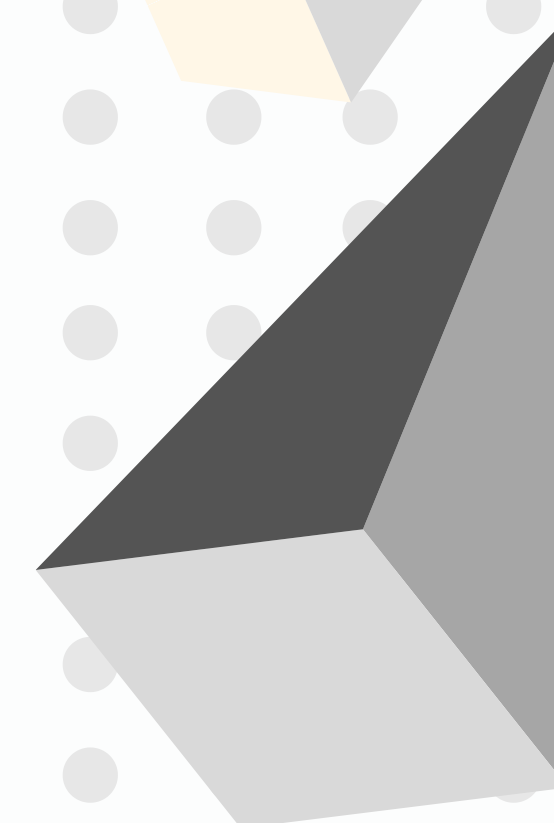
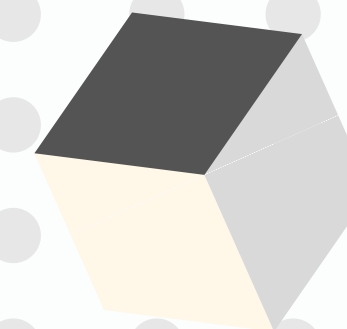
especially for the practical/hands-on sessions. The online assessment and evaluation are other challenges that existed

GEOGRAPHICAL ASPECT

Some of RA V Member countries are the SIDS (Small Island Developing Countries). This geographical aspects shows challenges in limited access of internet connection as well as different level of supporting learning technology and infrastructures

NEED ANALYSIS

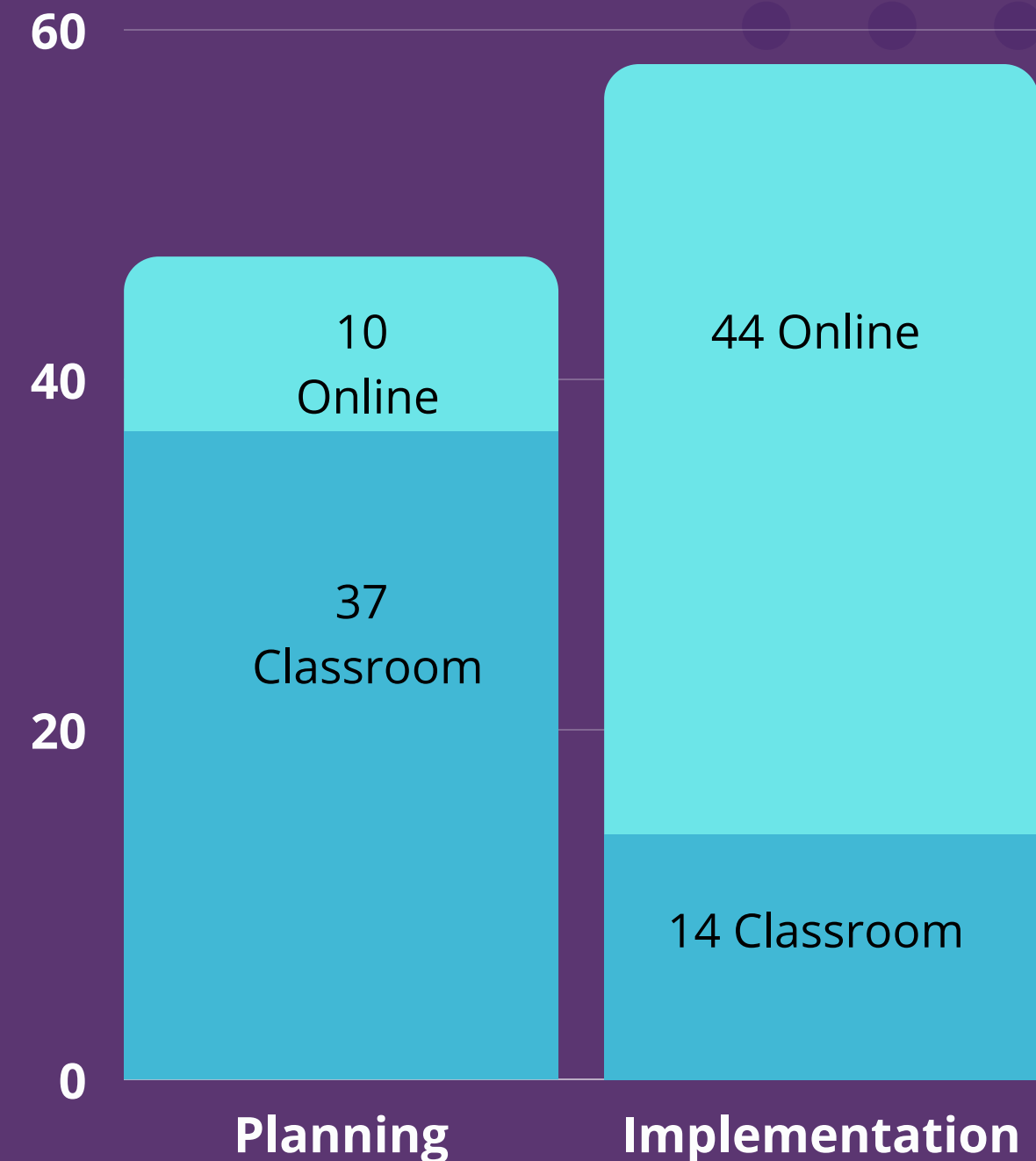
Conducting comprehensive Training Need Analysis for the RA V Member Countries also faced, especially the online based TNA



What Works/Achievements

- Developing e-learning since 2013, most residential courses transformed into full online learning during the pandemic
- Conducted online seminars (OGD) since 2014. OGD#100 attended by 1700 participants
- Kick-off the BMKG Corporate University attended by 198 BMKG stations
- Adjusted business process based on studies on e-learning implementation
- Implementing more online new learning, and collaboration tools and platforms
- Effective Staffing strategy during pandemic (WFH/WFA employee numbers)

Number of Training in 2020



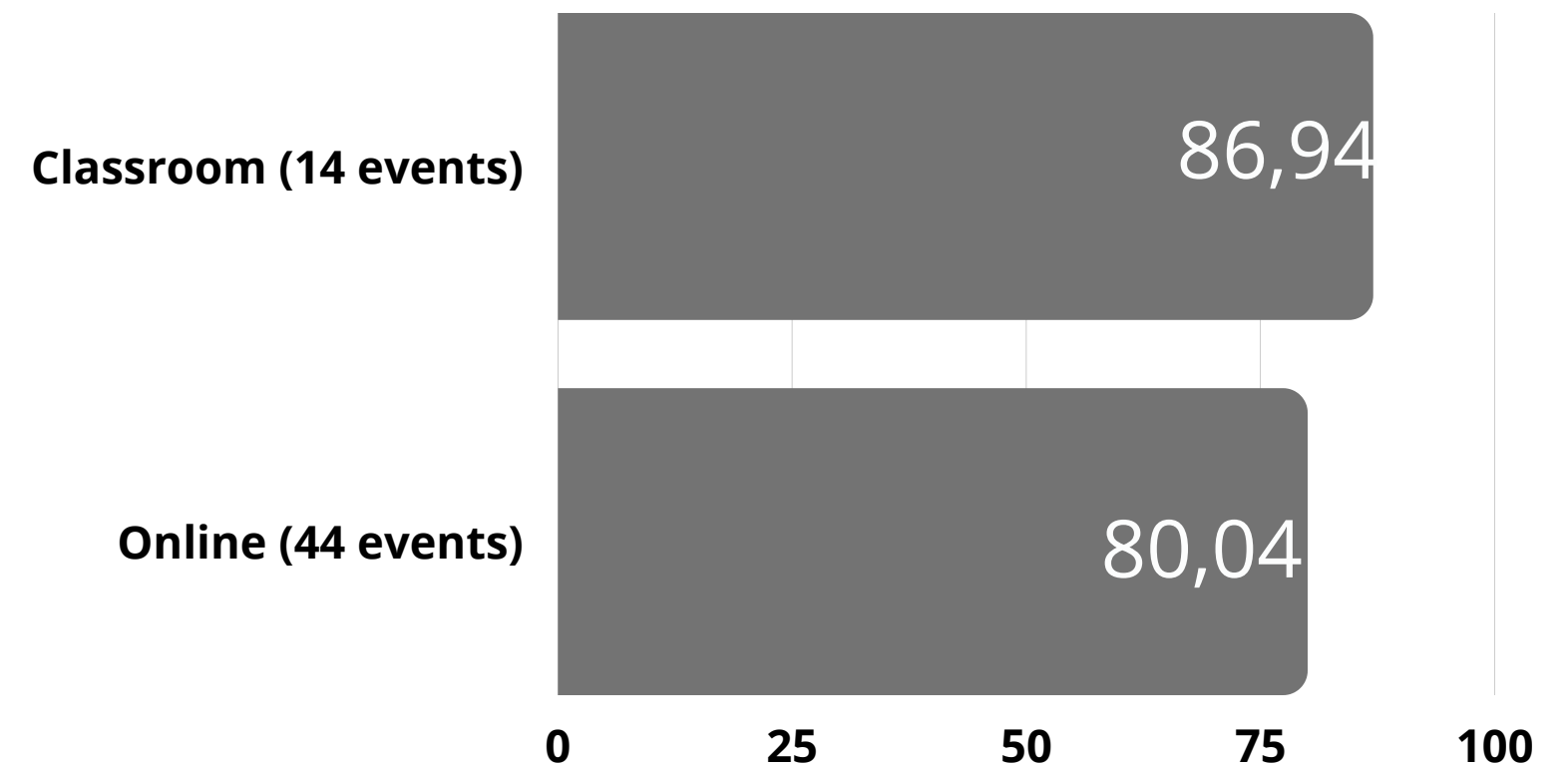
Challenges

- Designing skills training to online (ie. training about instrumentations, software runnings, etc.)
- Developing online course materials, especially for practical/hands-on sessions.
- Conducting the online assessment and evaluation
- SIDS geographical aspects show limited infrastructures for supporting online learning events
- Conducting comprehensive Training Need Analysis for the RA V Member Countries, especially the online-based TNA
- SME exchanges with other RTC/ NMHS or assistance in delivering learning methods and activities

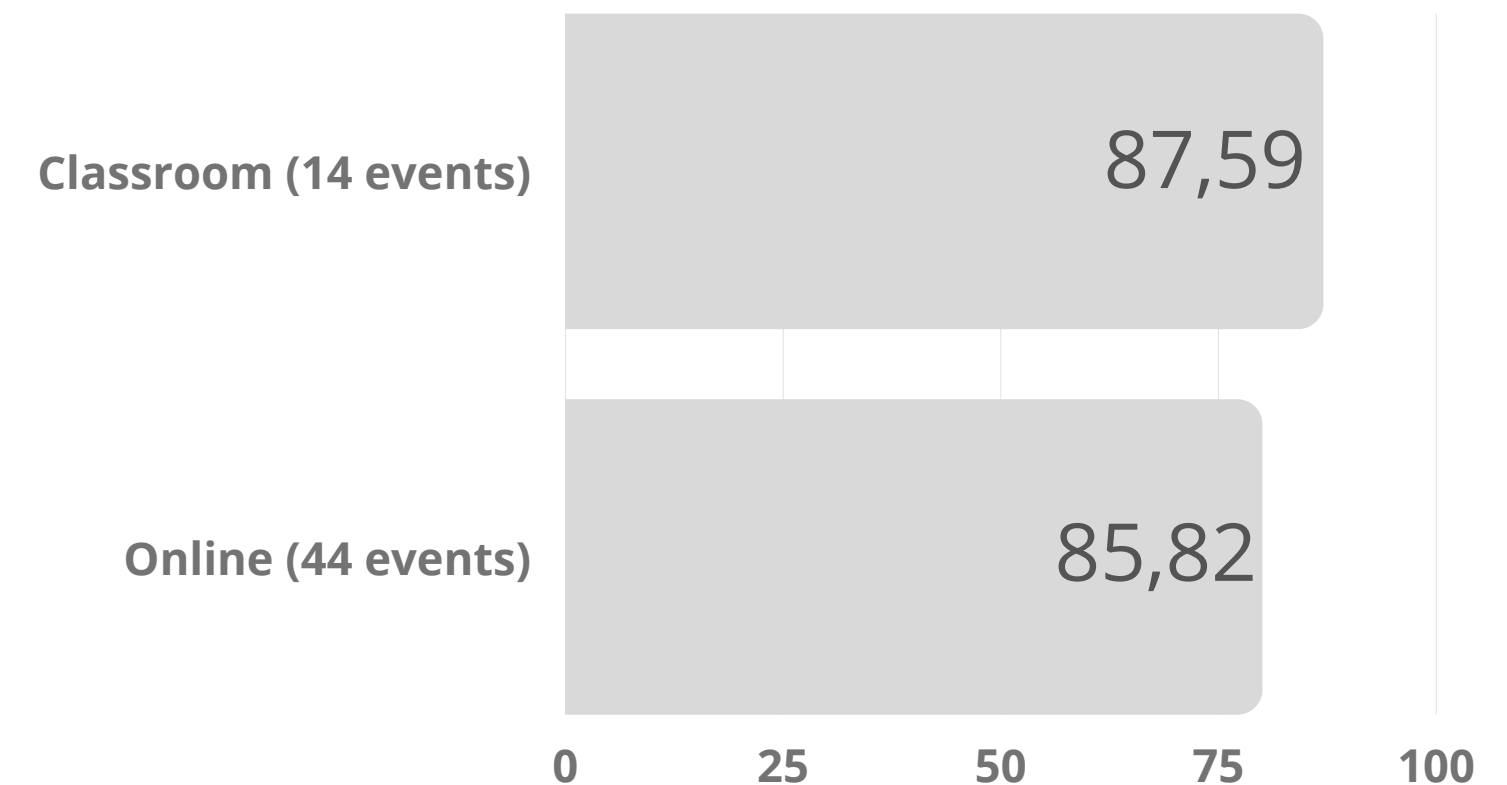
Findings from Studies

- SME/ instructors/ trainers do need assistance in designing and delivering learning methods and activities, esp. in hands-on activities
- A case study about Self Regulated Learning Indeks in Ina RTC shows that students have high independency in online training (1 online training)
- Students and trainers readiness level are various/ different in adapting to new learning tools/platforms
- duration of the synchronous sessions does affect students learning focus and motivation
- longer duration of synchronous, as well as login duration time to LMS, do not always mean the higher value

2020 Training Performance



2020 Trainer Performance





BMKG InaRTC

Jl. Angkasa I No.2 Kemayoran,
Jakarta Pusat, 10720

TELEPHONE: 021 4246321 1710

Website : <http://pusdiklat.bmkg.go.id/>

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