Future moves for the BCBU

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The challenges

The volume of students in BCBU master's degree programs is small
- in the long run may endanger funding and cooperation

What *could* be done to expand the student flows?
- courses/modules in English at/from all participating institutions

What *must* be done to see BCBU type cooperation in 2020?
- operating volumes and funding regimes must be in balance

$$\oint_S \mathbf{D} \cdot d\mathbf{A} = \int_V \rho dV$$

$$\oint_S \mathbf{B} \cdot d\mathbf{A} = 0$$

$$\oint_C \mathbf{E} \cdot d\mathbf{l} - \oint_C \mathbf{B} \times \mathbf{v} \cdot d\mathbf{l} = -\frac{d}{dt} \int_S \mathbf{B} \cdot d\mathbf{A}$$

$$\oint_C \mathbf{H} \cdot d\mathbf{l} = \int_S \mathbf{J} \cdot d\mathbf{A} + \int_S \frac{\partial \mathbf{D}}{\partial t} \cdot d\mathbf{A}$$

So…

More volume is needed to keep the BCBU cooperation running
- more degree & exchange students, more exchange teachers,
- more courses & module offerings

Switching from supply to demand driven mode of operation is mandatory
- wider course and module palette needed to identify demand

More visibility for BCBU and international degree programs and modules needed within the partner universities
- active student recruitment
- active staff involvement

Two year Master's degree programmes at the University of Oulu

Architectural Design
Protein Science and Biotechnology
Wireless Communications Engineering
Education and Globalisation
International Business
Finance
Financial and Management Accounting
Technology-Enhanced Learning
Magnetic Resonance in Materials
Ecology and Population Genetics
+ BA/MA in Intercultural Teacher Education (5 years)

Barents Cross Border University Master's Degree programmes :
Software, Systems and Services Development in Global Environment
Environmental Engineering
Health and Wellbeing in the Circumpolar Area

Semester long "packages" could perhaps be combined with BCBU members into year long English content offererings?