SBPIN Notes First Workshop: Blue Growth

First day:

- **The participants gets a presentation of the project-partners**
- **Lecture with Akko Karlsson from Kalmar county: Our common history and identity**
    - Rotation between countries
    - Introduction to how it all started
    - Joint interest in the Baltic Sea
    - In Örebro, Sweden, we are under the normal water level
    - ERB
        - Started 1998, 5,6 million inhabitants, 5 countries, 8 regions in Sweden, Denmark, Poland, Lithuania and Russia (Kaliningrad)
    - Support municipalities international and Baltic Sea work
    - Should have a lot of online meeting to get a good feeling in the group
    - According to the evolution we started from the same place, Akkos biggest argument against racism
- **Presentation and video to be uploaded with Akko Karlsson separately.**

Second day:

- **Challenges within Water/Blue Growth from different perspectives around the South Baltic Sea**
    - Nestved, Denmark
        - Common challenges that has to been taking care of together
        - What has been done: Supervision, control and advisory authority
        - Nestved has 60-70 water suppliers
        - Clash of interest, for example: Farmers and environmentalist
        - Each and every profession and/or sector have its own logic on production
        - 21 century challenges need basic innovative types of joining knowledge and skills together

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- To reach this level takes a lot of clashes- in public and private enterprise, politics and steering
- To build chains of knowledge and skills: Partnership with Danish Technical University and University at Roskilde, Municipality of Nestved , Business association of Nestved

- Köge, Denmark
  - Coastal protection in Köge
  - Global warming- rising sea level
  - Köge run the risk of being flooded
  - Cost for potential damage; 250 million euros
  - Municipal working groups started in 2016 (8 of them in East Denmark)
  - Government pays in the western part but not in the eastern part
  - Optimistic time plan in Köge
  - Should work on an international level but it raises questions like who should be involved? Etc.

- Bartoszyce District, Poland
  - Situated in North of Poland
  - More than 90 % of the inhabitants of Bartoszyce are connected to sewage network, but only about 10 % in rural
  - Threated as a partial thing in Poland
  - Working with water supply and water quality
  - Lack of full knowledge about the technical condition of underground water supply infrastructure
  - Lack of insufficient number of specialist in areas important for water security
  - Lack of adequate legislation, recommendations, guidance guidelines
  - Main challenges and needs in area of water supply
    - Inventory, renovation or renewal of underground water supply
    - Substantive and financial support of risk management
    - Support small water companies in integrated management systems

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- Quality and risk in water supply processes
- Environment
- Quality of service provided
- Information and communication with recipients and the media

- There is no comprehensive approach to the construction, operation and supervision of small, domestic waste water treatment plats

- Gdansk, Poland
  - Most dangerous historical inundation 1875
    - Sea level in Gdansk 3,36 meters above sea level
    - Flood range- 66 % of historical city of Gdansk
  - Coastal flood 1775
    - Flood range 75 % of historical city of Gdansk
  - Assumed water level for flood map: 1,85 a.s.l
  - Radunia and Klodawa embankment numerous brakes
  - Srebrzysko reservoir front dam brake and Strzyza flood
  - Gdansk railway station inundation
  - Flood loss in municipal infrastructure- 200 million zloty
  - Future: Integrated numerical modelling of Gdansk rainwater system
  - The biggest challenge now: The "Gordian knot" on Strzyza stream

- Cedry Wielkie commune, Poland
  - North of Poland
  - Challenges: Flood risk and sewage contamination
  - Vistula do not paralyze everyday life
  - Pump station has been renovated
  - Illegal sewage dumping is a huge problem
  - Challenges: Increase inhabitants using collective waste water systems, educate inhabitants about negative sewage dumping and increase quality

- Zalewo, Poland
  - Lake covers 14 % of the commune area
  - Challenges:

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- Water supply coverage and sewage systems of the commune
- Restoration of ecological balance of polluted lakes and rivers
- Adjustment of water management and water sewage infrastructure to changing climate conditions, water shortage, frequent flooding or storms
- Improvement of drainage and irrigation system
- Making efforts aimed at systematic adjustment and cleaning riverbeds and canals

  - WiK, Poland
    - Supply of drinking water and sewage water
    - Water infrastructure
    - Water production
    - Action taken to combat Aselus Aquaticus which succeeded after 2 years

- **The power of differences**
  - How diversity drives innovation
    - Differences: Experience, nationality, cultural background, knowledge, gender, beliefs, education, age
  - Much more effective to solve a problem if we see it from different ways
  - Diversity:
    - Inherent diversity-traits you are born with
    - Acquired diversity-traits you gain from experience
  - 2 dimensional diversity: 3 inherent and 3 acquired diversity traits
    - Companies with 2 dimensional diversity out-innovate and out-perform others
    - 45% likelier that the market share grew over the previous year and 70% likelier that the firm captured a new market
    - "Outside the box-ideas" are heard
  - Without 2D diversity
    - Women were 20% less likely to get their ideas heard
    - People of color 24% less likely
    - LGBTs 21% less likely
    - … compared to straight, white, middle-aged men

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        - The results: Less innovative
    - Other insights from the study
        - Leaders who give diverse voices equal airtime are nearly twice as likely as others to unleash value-driving insights
        - Employees in a "speak up" culture are 3,5 times as likely to contribute
    - Other behaviors that unlock innovation
        - Safety
        - Trust
        - Feedback

To be supplemented with material from the workshops that will be attached to this meeting note.

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