

DiveSMART-Baltic

What has happened this period Feb-May 2017

WP 1 Administration

The main work for WP 1 during period Feb- May has been in communication.

We have traveled around the Baltic and spent a lot of time promoting the project so it will be easier to “open doors” when we have achieved a result that needs future management..

For example, have we been Brussels together with our partner projects ChemSAR & Hazard to show our projects to the policy and decision makers in the EU Parliament.

During this period, we also have had one project meeting, one WP leader meeting and one communication activity.

The project meeting was held in Helsinki on the 15-16 th of February, 2017, and the Finnish Border Guard was the host. During this meeting, the main target was to have a common understanding of our next reporting period and discuss lessons learned from the first reporting period. We also discussed a lot around our main objectives for the project and developed plans how we will proceed with the development of a common and agreed SOP, Standard Operative Procedure. All the WP leaders also gave a status update from the different workpackages. Target groups during this meeting were all the project partners and associated partners.

Webb Platform

We also would like you all to visit our webb platform where you will find useful documents and where we know also have updated the first results and evaluations from the Table Top (TT) exercises.

Please visit www.divesmartbaltic.atlassian.net

Project meeting

Because summer is ahead of us and a lot of you maybe will have some well-deserved holiday, I would like you all to save the date for our next project meeting. This meeting will take place in Copenhagen with the Royal Danish Navy as the host, date **29-30 aug, 2017.**

More information and an official invitation with updated agenda will come to you closer to the meeting, but save the date.

Deviations

No deviations in WP1 during this period



WP 2 Database & Capability (WP leader Swedish Coast Guard)

WP 2 has started; we have made a change in some of the activities to have a more logic timeframe in the project plan. After that we have had two table top exercises and discussed the resource base with numerous rescue coordination centers we have started to discuss changes in the inventory model and system to meet the wishes from the RCC,s

Status in WP 2

WP 2 GoA-1 Determine what resources that should be in the database

Workpackage leader - Swedish Coast Guard.

During the progress with the inventory of resources and capabilities we have involved all the partners as well as the associated partners. Their information is important to have a developed resource base.

Their contribution has been to gather information to the resource base from respective organization in their country.

Stakeholders who have been involved during this period has been RCC,c (Rescue Coordination Centers) mainly in Finland ,Sweden, Lithuania and Denmark were we have been doing the exercises during this period.

The progress in GoA 1 has been that we have initiated the inventory of divers in the region and have defined the different needed abilities. To determine the level of necessary equipment and logistics for transport we have decided to use the first draft we used during the Swedish national project, as we see that this draft is very useful. To analyze which gaps in competences and material are a threat to preparedness we are now preparing this information as we now have the results and evaluation from the first table top exercises. We have already started to see gaps in preparedness after the exercises that the project needs to try and work with to create changes that will raise the emergency preparedness around the Baltic Sea.

To create an inventory base from the results of the determination of competences and material, we have discussed with the different MRCC, s and Rescue Coordination Centers around the Baltic Sea what kind of information they want so we have the most thoughtful and "easy to use" resource base. Based on that information we can create an inventory base that will be easy to manage and maintain in the future.

WP2 GoA-2 The selection of a future database of resources and equipment

Progress in GoA 2. After discussions with the different MRCC:s and Rescue Coordination Centers we have decided to work with both a database and a binder that will be placed at the RCC:s around the Baltic Sea.

This period we have started to collect information on various databases used for similar purposes. Contact with other organizations as Helcom, ERCC have been initiated to evaluate different types of databases.

WP 2 GoA-3 The collection of data

The POC in each country has been contacted for the initial inventory. The decision of inventory routines has been set up but the written examples are not finalized due to development that is still needed after lessons learned by the table top exercises.

Next step will be an instruction with a template on how the data transfer shall work within each country and what data that shall be shared will be written. The collection of agreed data from organizations and authorities within each participating country for v.1 has started. Private organizations will be interviewed later per plan.



WP 3 Training & Exercise (WP leader, YRGO Professional Diving School)

WP 3 has started good and follows our time plan. In WP 3 we have now started our exercise plan and have conducted three table top exercises. The exercises have been executed in Finland, Sweden and Lithuania. At this moment, we are collecting the evaluations from the exercises to fulfill a complete report and lessons learned from the exercises.

Status in WP 3

GoA-1: Development of an exercise plan.

- 1. Structure an exercise plan that covers all necessary capacities for training and improving emergency preparedness. The plan should aim for executing 3 combined tabletop and practical exercises during the project period.**

Activity 1. Structure an exercise plan that covers all necessary capacities for training and improving emergency preparedness. The plan should aim for executing 3 combined tabletop and practical exercises during the project period. Planned to perform table top exercises, in the countries which are active partners in the project. Sweden, Finland, Latvia, Lithuania, Denmark and Poland. And plan the exercise for year two in Svanesund (Sweden) together with Finnish boarder guard. In detail. Where we will be able to practice with app 80 divers. And plans for the final exercise during year three has been changed, due to that Denmark informed the project that the where not able to arrange this. Finland was alternative nr, 2 also they declined after 3 weeks. It is now planned to take place in Sweden, with the Swedish Coast Guard as host. We have been involved with all the Swedish, Finnish, Danish, Latvian, Lithuanian and Polish partners during the table top exercises in each country. The deviation has been that Finland came in late in the project as activity manager in WP3 and Denmark declined to host the final exercise year three. So, because of this I WP leader in WP 3 has done a lot of work that was supposed to be done by the activity manager the Finnish boarder guard. And the plans for the final exercise has been changed.

Activity 2. Carry out three exercises Based on the agreed scenario (WP leader meeting in Karlskrona 25-26/4 2016) We have performed table top exercises in, Finland, Sweden, Lithuania, Latvia, Denmark, and Poland. Reports have been made from all exercises and they are published on the official web page of the project, Atlassian. Staff from WP 3 has been involved in all the table top exercise, except the one made in Poland. We have been involved with all the Swedish, Finnish, Danish, Latvian, Lithuania and Polish partners during the table top exercises in each country.

Activity 3. Development of an evaluation plan, to be applied during the exercises. Due to the different ways of doing the table top exercises in each country we have documented all the theoretical movements that all organizations have made during the exercises and these have been explained in the reports for each country. And next step is to do a report which includes all the tabletops made and specify similarities and differences between all the countries involved. This to state to the project where we are today, in the matter of readiness to response to a large-scale diving project.

WP 3 GoA-2 Develop exercise sites

Activity 1. Create exercise plants model. That ensures development of competences and material. For the purpose, that all teams involved are given as similar exercises as possible. A containerized exercise system should be used. These are mobile and possible to use on different locations. This guarantees that the exercises are as similar as possible and cost effective.

Activity 2. Investigate different models of existing exercise plants. An inventory of exercise plants for the project period is to be done during year one together with the Finnish border guard.

Activity 3. Decide different locations for Dive SMART Baltic collaboration exercise plants. These locations are to be decided during year two, after an inventory of suitable plants. Things that are taken in consideration are cost effective, easy access and possibility to create different conditions for the exercises and that a high level of safety can be guaranteed. Instructors available for setting up exercises.

Activity 4. Develop a flawless training ground for education, training and development. Continuous work, during the project. We have been visiting several countries diving training grounds during the meetings we have had in the project, Poland, Finland, Denmark and Sweden.

WP 3 GoA-3 Establish a SOP (Standard Operational Procedure)

Activity 1. Decide format of the SOP (Standard operational guideline).

Discussion between WP 3 leader and DNC to look through HSE Acop's and the Swedish "DykSMART" SOP as a start.

Activity 2. Develop a Dive SMART Baltic SOP All involved organizations have been ordered to send in proposals for all the different parts of the SOP at the latest on the 30 of June 2017

Activity 3. Decide management and further development of Dive SMART Baltic SOP.

This is an ongoing discussion between the partners every time we have meetings in the project. The work with the SOP will start more effective during period 3. Then we also have all the results from the exercise evaluated and useful information will be used in the progress of the SOP.

WP 3 GoA-4 Exchange between diving schools

Activity 1. Identify needs for exchanging information.

We have identified that there is a need for exchange information between the diving schools in the area, and that is important to be able to assist each other in different ways.

Activity 2. Develop a plan for exchanging information.

A plan for this is to be started in accordance with the project plan. Next step will be that we will do an inventory of all the existing diving schools for rescue organizations and authorities and invite the all to a meeting where we will discuss how we can develop a plan for exchanging information and training.

Deviations

No deviations in WP 3 during this period



WP 4 Research & Development (WP leader Swedish Armed Forces & Polish Naval Academy)

WP 4 has started. This WP is depending a lot of information from the other WP, s so some activities may have to change per the time plan. But still there has been a lot of work in done in WP 4.

Status in WP 4

WP4 GoA-1 Efficiency 1.

Development of diving techniques and methods connected to technical equipment in difficult areas such as closed compartments.

2. Development and use of different underwater diving systems. Per the highest international standards.

Swedish Armed Forces, SwAF/DNC has made a "game plan" in general and has started with following

- Sidemount diving (equipment and training). The purpose is too to get further into the sunken ship.
- Option/plan to buy underwater scooter in purpose to carry battery packs for light and heat and other survival equipment in waterproof bags to distressed persons captured in the ship.
- Involved with a Swedish Med. Doctor (Hans Örnhammar, the author to several books in Hyperbaric Physiology and diving medicine) He has developed a product originally for submariners in a distressed sub. It's a very small Oxygen rebreather with a soda canister, this is crucial to keep people alive in trapped environments, where they will run out of oxygen and CO2 level will rise, which will cause panic, unconsciousness and suffocation.
- Provide 120 meters high pressure hose for surplus supply diving (original is 60 m)
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- Have started cooperation with the Swedish Coast Guard and Police regarding a common ROV, this will help at an accident site
- Test of chamber treatment charts
- Test of diving equipment and training in subarctic environment

Exchange program for researchers & technicians - The first exchange of specialists has been done. The first was the Swedish observer visit during saturation dive carried out in Poland.

Status- An inventory of R&D centers around the Baltic Sea has started. Driving partner for this inventory is the Polish Naval Academy. The plan is to invent all the R&D centers around the Baltic and list them into the resource base as useful R&D contacts. To develop an "Establishment of an exchange program for researchers and technicians" we have decided to organize a conference among the R&D centers after the inventory is done, where the main topic should be discussion how we can develop an exchange program for researchers and technicians in the future and exchange information without disturbances. This should be a great opportunity to develop cooperation between the countries around the Baltic Sea.

Medical treatment – Work with collecting data from partner countries has started.

Next step in WP 4

W4 is depending on information from the first inventory results from WP 2 to analyze different gaps in our emergency preparedness around the Baltic Sea. The work will now concentrate to help WP 2 with the result.

Deviations

No deviations in WP 4

