




NARRATIVE REPORT

Project 022E17

Small-scale local solutions to reduce nutrient load to the Baltic Sea

Applicant: Friends of the Baltic NGO / Contractor: Ecocentrum Ltd
Report period: 1st of July 2017 – 31 of December 2017

During the first six months of the project the following activities were implemented:

1 .We have selected the pilot sites and interested local developers for epy first demonstration complex with dry eco-toilets.

The first site – FAUNA gardening community in the Lomonosov district of Leningrad region – south shore of the Gulf of Finland, watershed of the basins of the Shingarka river and Chernaya river (tributary of Kovash).

- First we invited association of gardeners of Lomonosov district (their board members and activists) to the individual garden of FoB council chair, and demonstrated them first simplest eco-friendly approaches - composting, old hand-made separate toilet, the most simple way for urine collection.
- We have initiated course of working meetings with the FAUNA gardening community head and the board, and presented them benefits of the dry public toilet.
- WE have preliminarily analyzed an expected benefits of the new toilet, number of people which will use it, number of people being informed, amount on nutrients which we can collect instead of its flowing to the surface waters, and so on.
- We have made an agreement between FAUNA and Friends of the Baltic on cooperation for raising public awareness for promotion more eco-friendly solutions in the community.
- We have agreed on the common efforts for installation of demonstration eco-toilet by Ecocentrum Ltd with the FAUNA support.

2. We have constructed and launched demonstration complex, consisting of eco-toilet building with equipment, garden composter and flower box.

This activity included:

- overview of existing WWT approaches for individual and small-scale local collective purposes;
- Design of demonstration complex;
- Technical work for leveling the territory for demonstration complex, purchasing construction materials,
- Maintaining toilet, equipping it with necessary devices and expenditures.
- Organizing everyday service and attracting people (see 3.)

We provide the constant consulting for local people responsible for the demonstration complex functioning (FAUNA demo-complex team), financial and technical assistance for installation and service.

3, We have attracted gardeners and other stakeholders to the Opening Ceremony and launch the Demonstration complex 09.09.2017 (with CCB cofounding):

<http://ecocentrum.ru/ru-ru/node/285>

- More than 600 gardeners and other stakeholders informed, about 50 participated in the event;
- Ecotoilet itself and the whole complex was presented;
- The set of information banners/stands presented;

- The interactive information stations was organized about various options for WWT;
- We have organized communication between gardeners, the Community board, eco-toilets developers, NGO people, other interested actors;
- We have demonstrated the simple method/tool to measure N content in the wells and natural water bodies, and distribute these tools (N-strips) among interested gardeners with a Form of a Protocol on N-content. More than 15 gardeners were intended to do that.

4. We have developed and disseminated the set of information/demonstration materials on eutrophication, wastewater treatment options for individuals and local communities, on separate toilet and nutrient recycling:

- In the format of banners, working as a stands at the demonstration complex http://ecocentrum.ru/sites/default/files/inline/files/Placards_Dry_toilet_0.pdf
- In the format of booklet for wide dissemination (under design/printing now, coming soon);
- We have established a web-page on the project <http://ecocentrum.ru/en/node/286> and published news on project events on the web-site: http://ecocentrum.ru/sites/default/files/inline/files/Placards_Dry_toilet_0.pdf -
- On the gardening community web-site <http://fauna.spb.ru/index.php/item/82-ekologicheskij-tualet-s-kompostirovaniem-otkhodov-v-snt-fauna>
- We estimate number of people informed about the demo-complex/eco-toilet (during the half a year) as at least 2000-3000 people.

5. We have started the approbation process:

- regularly register amount of urine collected: see the December testing results at the <http://ecocentrum.ru/en/node/307>;
- communicate with gardeners to promote more active use of the toilet;
- analyze the social aspects of toilet use and service for toilet exploitation;
- analyze the seasonal conditions and its impact to toilet exploitation. In the end of November the toilet was closed and canned until the end of March.

6. We develop contacts with key stakeholders: corresponded officials of Leningrad oblast government, legislative authorities, municipal authorities, local communities and NGO authorities, vodocanal experts – to discuss challenges and opportunities for development of eco-friendly WWT approaches.

29 of November we have organized a multi-stakeholder seminar on WWT, where participants shared their vision of the most suitable WWT technologies and experiences in the rural areas in Russia, Kaliningrad (ECAT presentation), and Finland. <http://ecocentrum.ru/ru-ru/node/302>.

7. We involve River Watch network to public investigation of N content in water bodies and dissemination of information about dry eco-toilets

<http://ecocentrum.ru/en/node/298>

- we have made an introduction training on WWT theme and dry toilets within the seminar devoted to 20 years of FoB
- we have made a training on simple methods for measuring N-content in waters within the round table September 19, 2017: <http://baltfriends.ru/node/2280>;
- we have purchased set of equipment and test-materials for water investigation to distribute it among the most active RW groups.

8. We disseminate project information as wide as possible:

- within the Coalition Clean Baltic community, on Ecocentrem and FB web-sites, at the

CCB page facebook.com/groups/BBNPPProgramme/, at the CCB ad FoB events;
- at the lectures and lessons at the Ecocentrum eco-exhibition in St.Petersburg;
- in Lomonosov and Peterhof municipalities (lectures in libraries, youth events in educational organizations) ;
- At the other various thematic events.

9. We have defined two more sites for next demonstration eco-toilets.
We propose a revised budget to have a possibility organize two more demonstration eco-toilet instead of one more (and move investment costs for next toilets from 2019 to the first half of 2018 year).

The key partners in the first stage of the project were: Coalition Clean Baltic (co-funder), Lomonosov town municipality and library, Association of Gardeners, FAUNA gardening community, Biodinamic NGO, Society for sustainable rural development, Sennoy Okrug municipality (providing space for Ecocentrum exhibition).

Ecocentrum director
Olga Senova olga.senova@gmail.com
+7 921 9117986

St.Petersburg, Russia 10 of January 2018

