

High-priority innovations – to “The Bowel Movement”

Presentation of my work and challenge to you all.

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I am still processing the results of my research and other studies so that the costly devastation of air and water will stop. The goal is locally produced electricity, heat, cooling and biofertilizer in a sustainable way in all places on the globe and thus support the fertility of the soil.

"In cities, less than 2% of the valuable biological nutrients are composted in food by-products and organic waste (excluding manure) or otherwise valued." according to ELLEN MACARTHUR FOUNDATION [Cities-and-Circular-Economy-for-Food_280119.pdf](#). The 98% pollute air, water and soil with unsustainable waste and sewage systems.

We pay 1) to companies that handle renewable organic material in waste and sewage with unsustainable methods 2) then we pay with our health. We also pay for global soil degradation when cultivation with the help of agrochemicals continues

<http://dr.lib.sjp.ac.lk/bitstream/handle/123456789/9069/mandal2020%20edited.pdf?sequence=1>.

I have a proposal called the **SBRS concept** on <http://biotransform.eu/wp-content/uploads/2021/10/From-Photosynthesis-to-Photosynthesis-according-to-SBRS-concept-2021-05-RS.pdf> and I wish that many people help to find an even better solution than I suggest. It is important to use technical aids that support biological transformation processes without polluting the environment. Among other things, suitable types of waterless toilets are needed that would suit different parts of the world. The prototype that Birger has developed is shown at <http://biotransform.eu/wp-content/uploads/2015/03/Future-toilet-CC-BAS-BS-RS.pdf>.

Challenge to you all.

Please influence decision makers to announce innovation competitions in all countries to succeed in designing

1) hygienic, easy-to-handle waterless toilets where urine, faeces and toilet paper are to be used cost-effectively as raw material to produce biogas and biofertilizer without polluting air and water during transport to local biogas plants – similar collection devices are needed for food waste

2) local high-tech biogas plants where methods of methane fermentation are adapted to microorganisms that upgrade substrates to biogas and biofertilizer and where the working environment for employees is hygienic

3) improvements to the SBRS concept proposed on www.biotransform.eu.

I hope that you spread my message to many because I, who am 78 and recently underwent a cancer operation, would like to see a start on the transition to "a sustainable knowledge-based society".

All kinds of comments and questions are welcome. The tougher the better.

PS

I joined the World Toilet Organization on June 30, 2009.

My CV can be found on the first page of www.biotransform.eu.