



Green Marine

Your Partner on the Green Planet



ISO 14001
BUREAU VERITAS
Certification



Mobile technological handling station of oil-containing waste in the Port of Tallinn

Tallinn - Gdansk
2014



Green Marine is a waste management company.

We offer to ports and port operators full range of waste management services, including recycling of hazardous waste, bilge water and other oil containing waste.




Being the subsidiary of the Port of Tallinn, we fulfil environmental politics of the GreenPort, mainly directed to environmental protection and prevention of pollution.






Our unique
Mobile Technological Handling
Station of oil-containing waste (MTS)
is the heart of our waste management



Ship hazardous waste collection:
bilge water, sludge, slops,
oily ballast water



Localisation and liquidation of oil
pollutions, petrol stations oily
water, car services, used oil etc.



Handling station of oil containing waste



OIL COMPONENT

Recyclable resource (holds an
international REACH code)



WATER

Cleaned by flotation. Is
recyclable resource for
biological treatment



SOLID RESIDUES

Required disposed e.g.
burning in cement factory

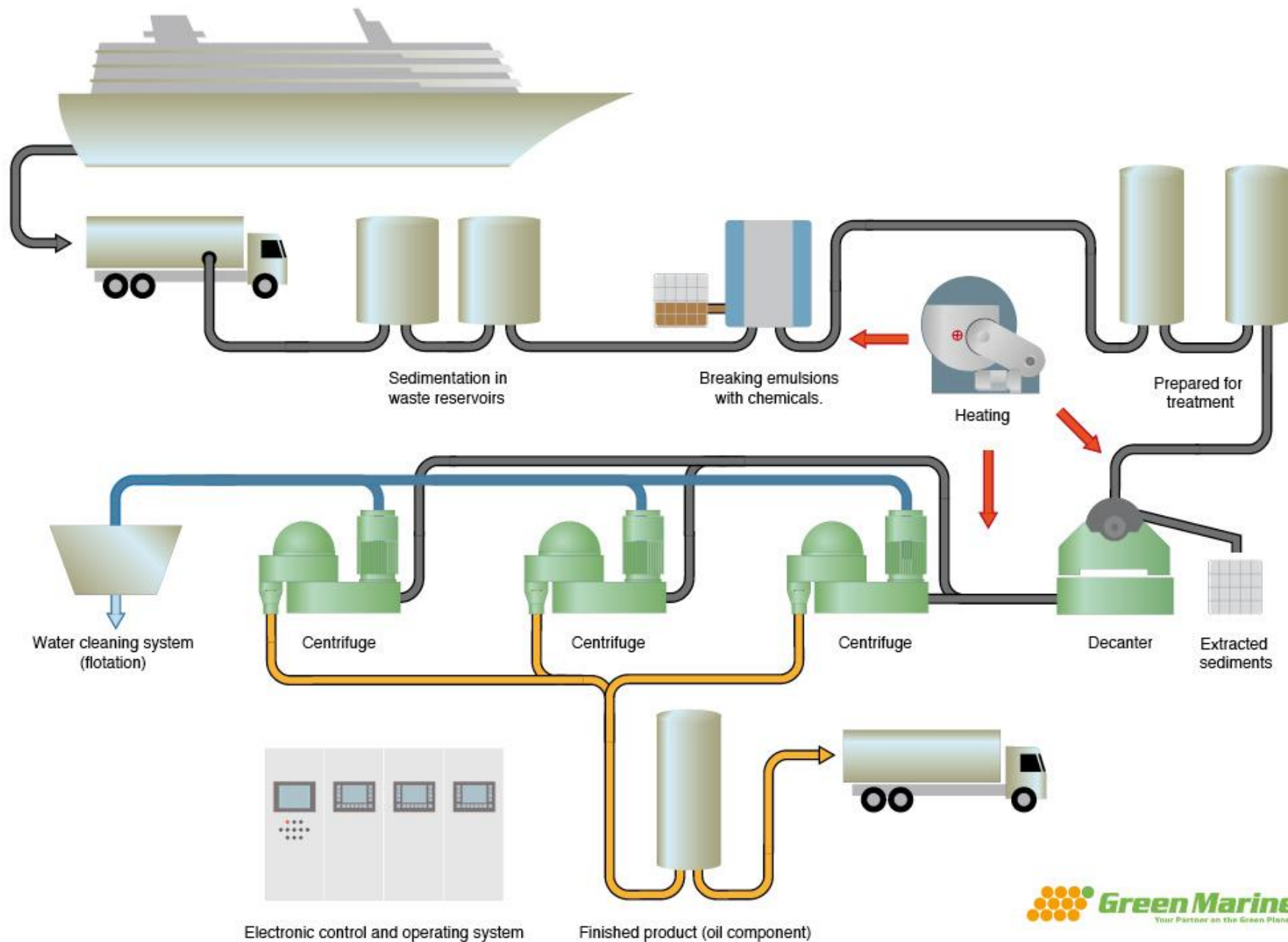
Today our handling station is not only the environmental service centre for ports and shipping needs. It start to be as part of the overall environmental performance in our region.

We also cater to: Estonian Army | Estonian Rail | Estonian Energy | All oil terminals | Car Services |
Many clients from Latvia and Lithuania



MOBILE TECHNOLOGICAL HANDLING STATION OF OIL CONTAINING WASTE:

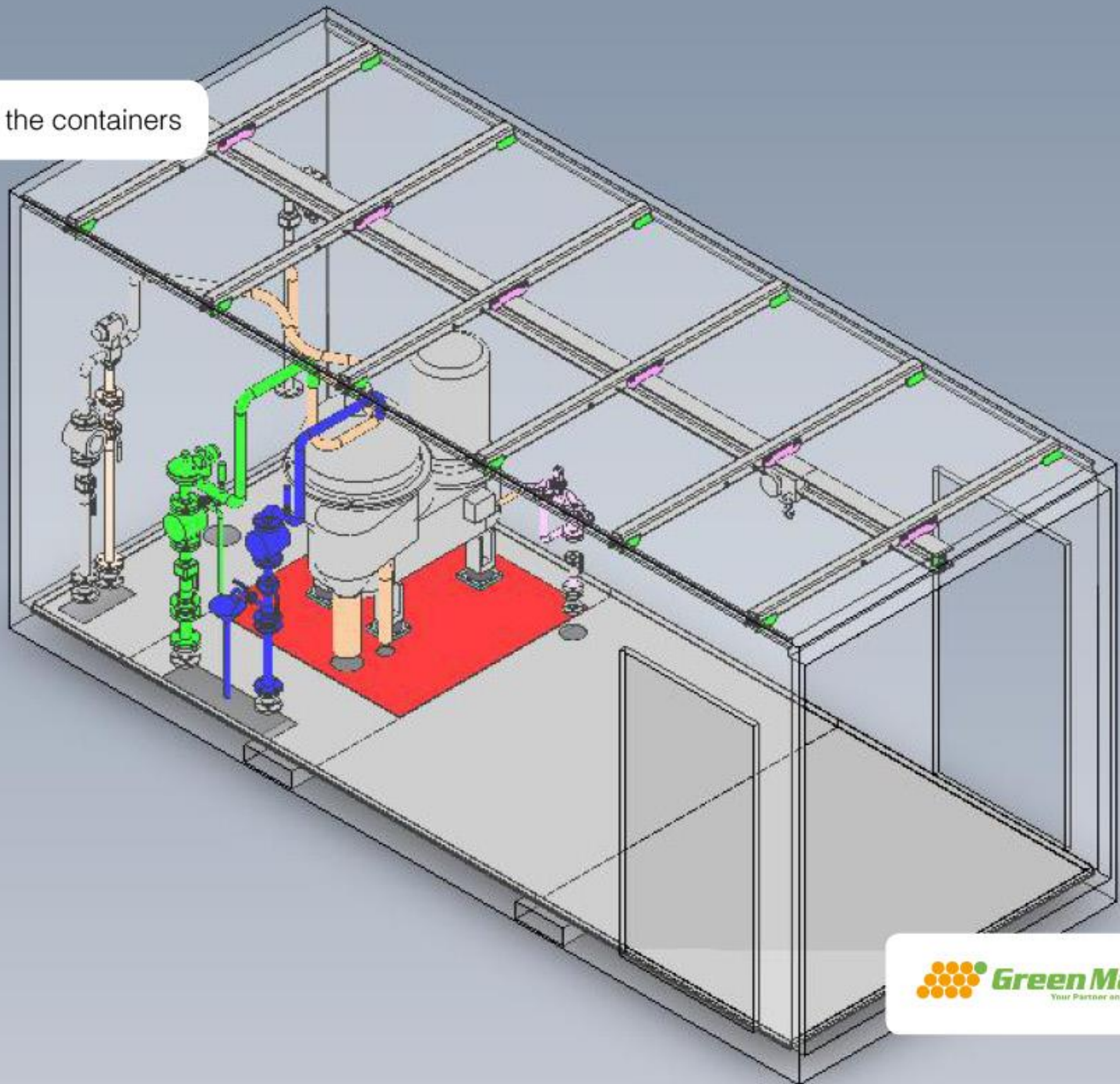
1. Allows recycling of **waste with different chemical composition** (oil/water/residue).
2. Electronic control system is self-regulated.
3. In cooperation with engineers we created self-regulated "smart decanter".
4. Loss of positive output (product) is **minimal**.
5. **Residual heat re-use system** allows saving on electricity and heat.
6. Consists of **easily transported and placed** containers.
7. Obtained oil (product) does not require additional handling.
8. Whole process is controlled by only **one operator**.
9. **Meets all EU technical and safety standards**.



MOBILE TECHNOLOGICAL HANDLING
STATION OF OIL CONTAINING WASTE
General view



One of the containers



Centrifuge and decanter





RESULTS:

There will be a new re-usable and legal oil product.
Waste ceases to non-existent.



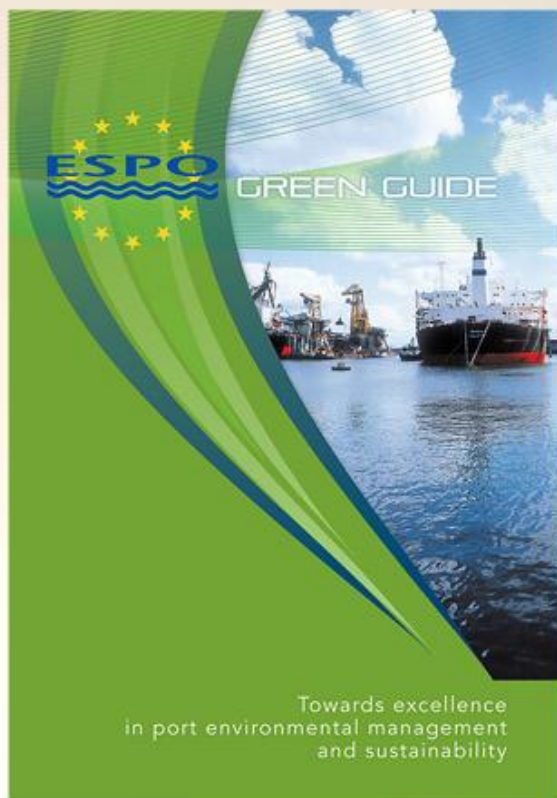
Advantages of MTS over other similar handling methods:

1. Recycling process is **more efficient, reliable, productive** and much **safer** than other existing technological solutions.
2. Fast recycling process allows receiving and recycling **big quantities of waste**, including those derived from elimination of oil pollution
3. Productivity **can be tripled** without any additional technological changes in handling station.



Realizing the **legal** product on the **legal** market to the **legal** buyer, changes the understandings of the laws governing waste management in compliance with the positive effects.





RECOGNITIONS

The Port of Tallinn was included to the best practice **Green Guide**

National competition in Estonia:

"Environmental Award for Business"

The winner of the green process category in the Environment nomination **"The Process Award"**

Company was submitted to the

European Business Awards for the Environment,
organized by European Commission

Ask us for assistance in building
different handling stations.

www.greenmarine.ee

