



HAARLA

GOOD
CHOICES.

HAARLA OY & HTH BIOPOLYMER

Biopolymeerien hyödyntäminen
vesienkäsittelyssä ja ravinteiden
kierrättämisessä (BioP)

Seminaari 20.11.2019

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HAARLA

GOOD
CHOICES.

THE GOOD CHOICES

HAARLA - Family business from Finland with over 50 years of industry experience

TODAY

30 professionals, focusing on sustainable business and operation for optimal processes in Tampere (HQ), Gothenburg, London, Tallinn and Qingdao.

Handling about 300,000 tons chemicals per year via one of our 20 stocks or directly to customer.

Having about **€40 mill** turnover (2018).



HAARLA

GOOD
CHOICES.



PULP, PAPER & PACKAGING



AGRI & FEED



COATINGS & INKS



WATER & AIR

SERVING INDUSTRIAL PROCESSES



CONSTRUCTION & RESINS



FOOD



ENERGY



MINING & METAL



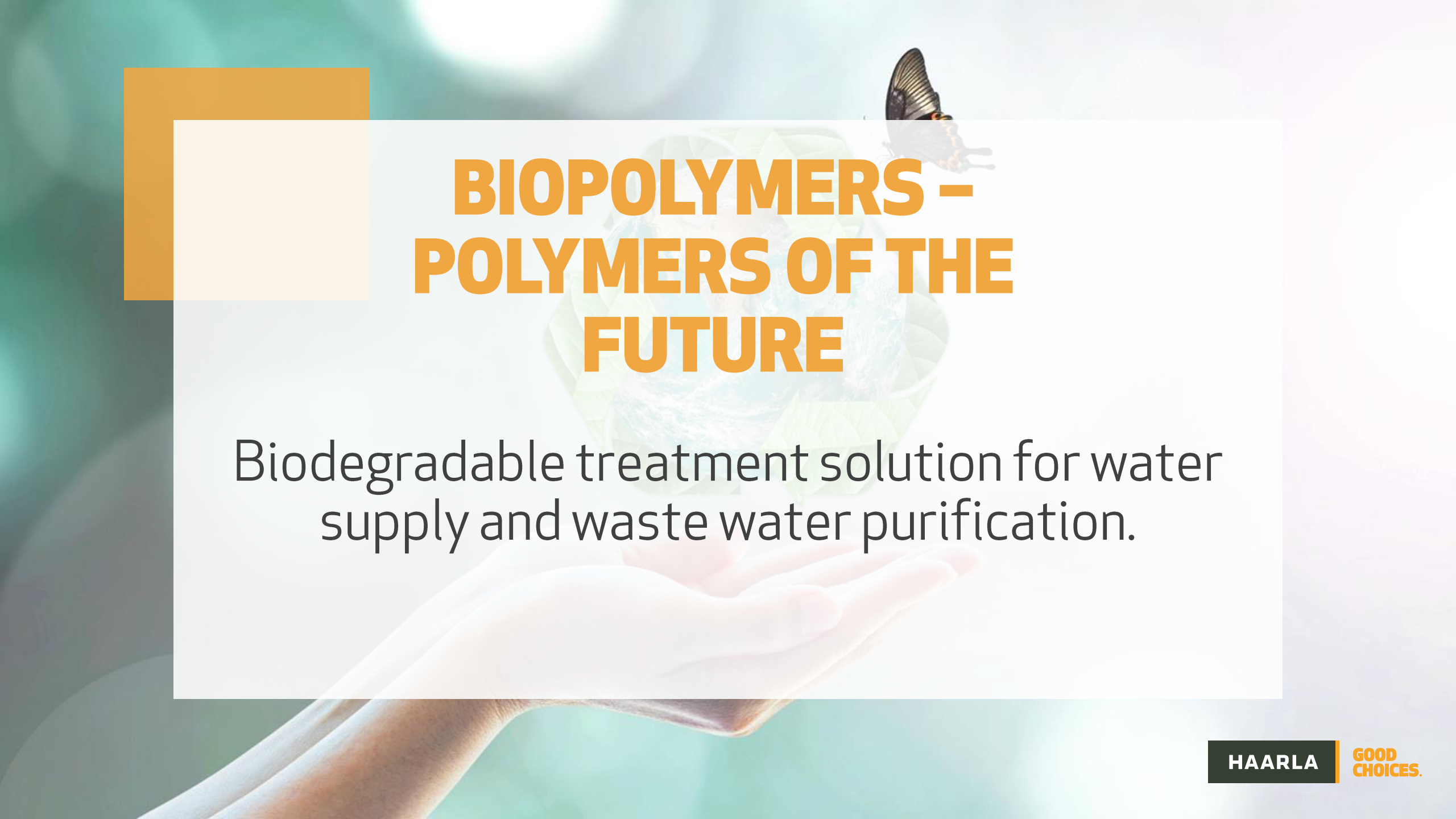
DETERGENTS

WITH
RAW MATERIALS & TECHNOLOGY



HEALTH & WELLNESS

*We learn and share understanding of individual differences and common processes **by involvement.***



BIOPOLYMERS - POLYMERS OF THE FUTURE

Biodegradable treatment solution for water supply and waste water purification.

Biopolymer application segments:

Biopolymer HTH acts as an agent in a large spectrum of applications bringing competitive edge on the market.

- Drinking water
- Food industry
- Municipal sewage
- Synthetic rubber industries
- Oily water emulsions
- Metal-mechanic industries
- Mining waste water
- Slaughterhouses



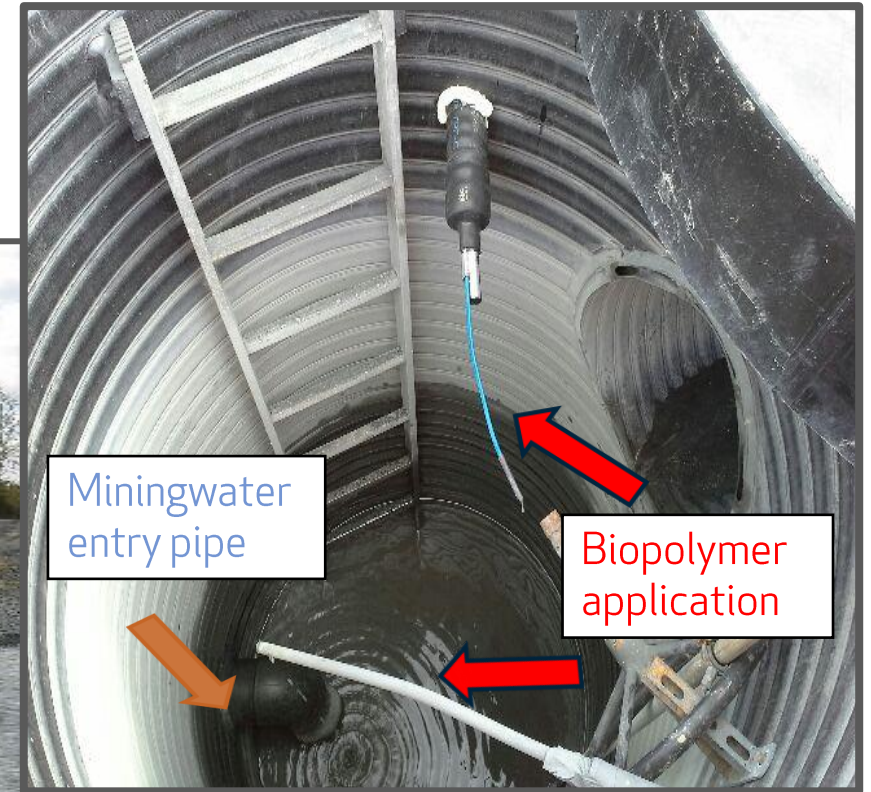


Key Benefits of HTH biopolymer:

- Biopolymer does not consume the alkalinity of the working environment.
- Biodegradable, does not concentrate in the sludge generated during treatment.
- Combines itself with dissolved metals, acting frequently as a chelating agent.
- Completely soluble in water.
- Effective on wide pH range between pH 4-9.
- Presents low toxicity and does not require greater safety procedures or extra care during handling.

Mining application:

Low cost investment and easy to use





Our water treatment solutions

Raw materials and technology:

- Deliveries in tanks, IBCs, drums, bags...
- Activated carbon
- Ion exchange resins
- Polymers & Biopolymer
- Coagulants
- Water softener salts
- Chemical additives
- Technical support



TOGETHER – FOR SUSTAINABLE FUTURE & GREEN BUSINESS

We'd love to share our
knowledge and expertise.

haarla.fi

For further information about our
Biopolymers and other solutions you
can contact:



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