

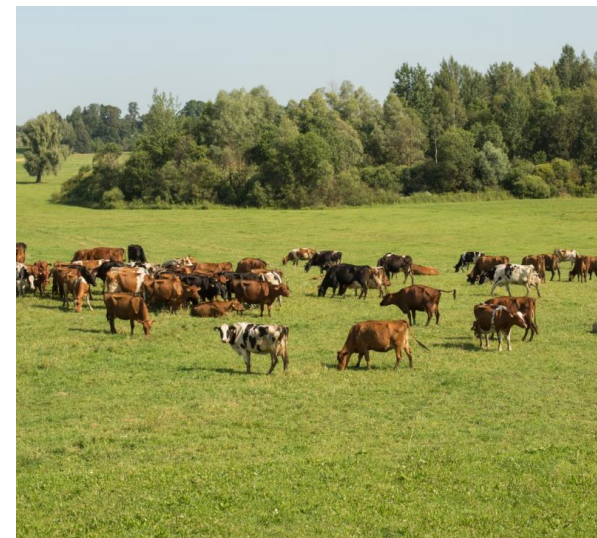
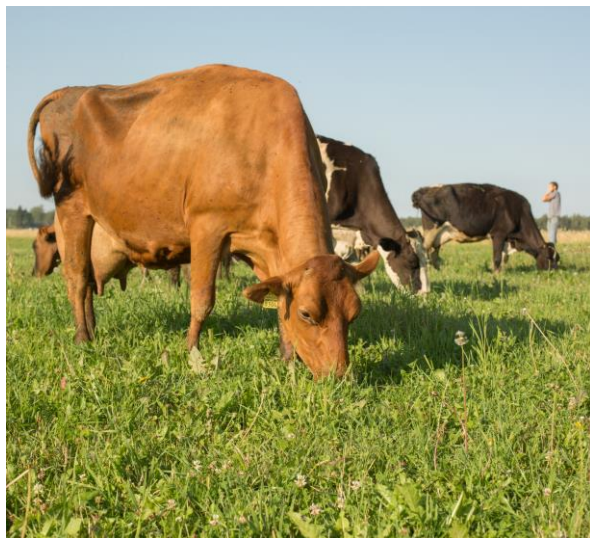
# Latvijas Piens Ltd

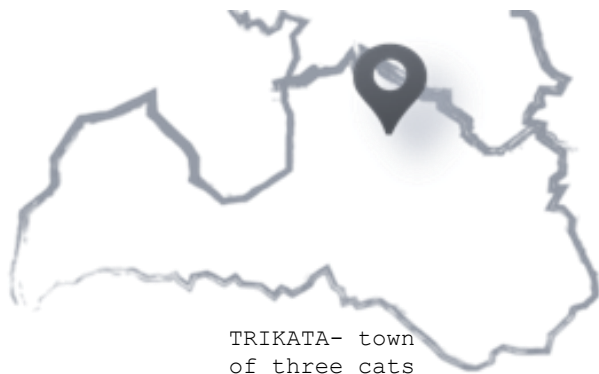
Dainis Kaņepons  
Technical Director

***Project BEST – Better Efficiency for Industrial Sewage Treatment  
#R054 BEST***

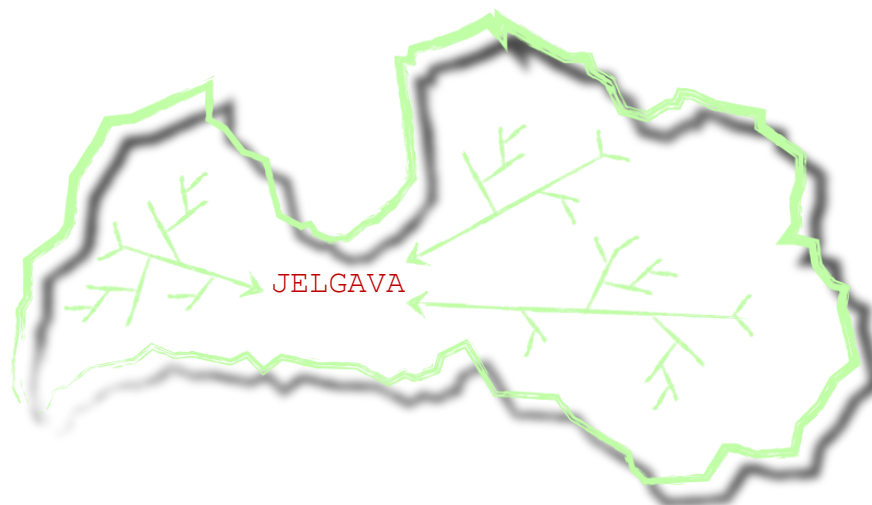
LATVIJAS  
PIENS

And brand 'TRIKATA' combines more than 100 years of traditions, knowledge and experience with a latest cutting-edge cheese production technologies.





TRIKATA- town  
of three cats



1896

One of the oldest dairy plants in Latvia- the Trikātā dairy- begins work at the White House of the Trikātā Manor House. Back then all the work was done by hand.



1972

Trikātā dairy has a new Cheesemaster- Mr. V. Culcs, who creates the first Tilsiter cheese recipe in Latvia. All the other types of cheese are improved to the utmost perfection bringing quality certificates and awards to the dairy.



2013

The cheese making skills acquired for over more than a century are combined with the latest Swiss cheese production technologies — from now on the Trikātā cheese is made at the new "Latvijas Piens" dairy plant.



2017

90% of cheese produced at "Latvijas Piens" dairy plant has been exported.





[www.lvpiens.lv](http://www.lvpiens.lv)

# OUR FACTORY

“Latvijas Piens” factory was built in 2012. It is equipped with latest cutting-edge Swiss equipment– “KALT” and “MMS”.

## CURRENT PROCESSING CAPACITY

- Process 400 tonnes per day
- Produce 40 tonnes cheese per day

## INDUSTRIAL DAIRY PRODUCTS

- Whey protein concentrate 65
- Sweet whey concentrate
- Skimmed milk concentrate
- Lactose permeate
- Cream
- Butter
- Cheese – Gouda / Tilsiter / Maasdam



# Waste water treatment in Latvijas Piens

Current situation 2012-2017

- No WW treatment at all;
- Discharge of WW directly to municipal sewage network;
- Exceeded pollution limits from 3-6 times;
- Regular claims from municipal WWTP;
- High risk to be charged for overpollution;
- High risk at WWTP (working on upper limit);

# Waste water treatment in Latvijas Piens

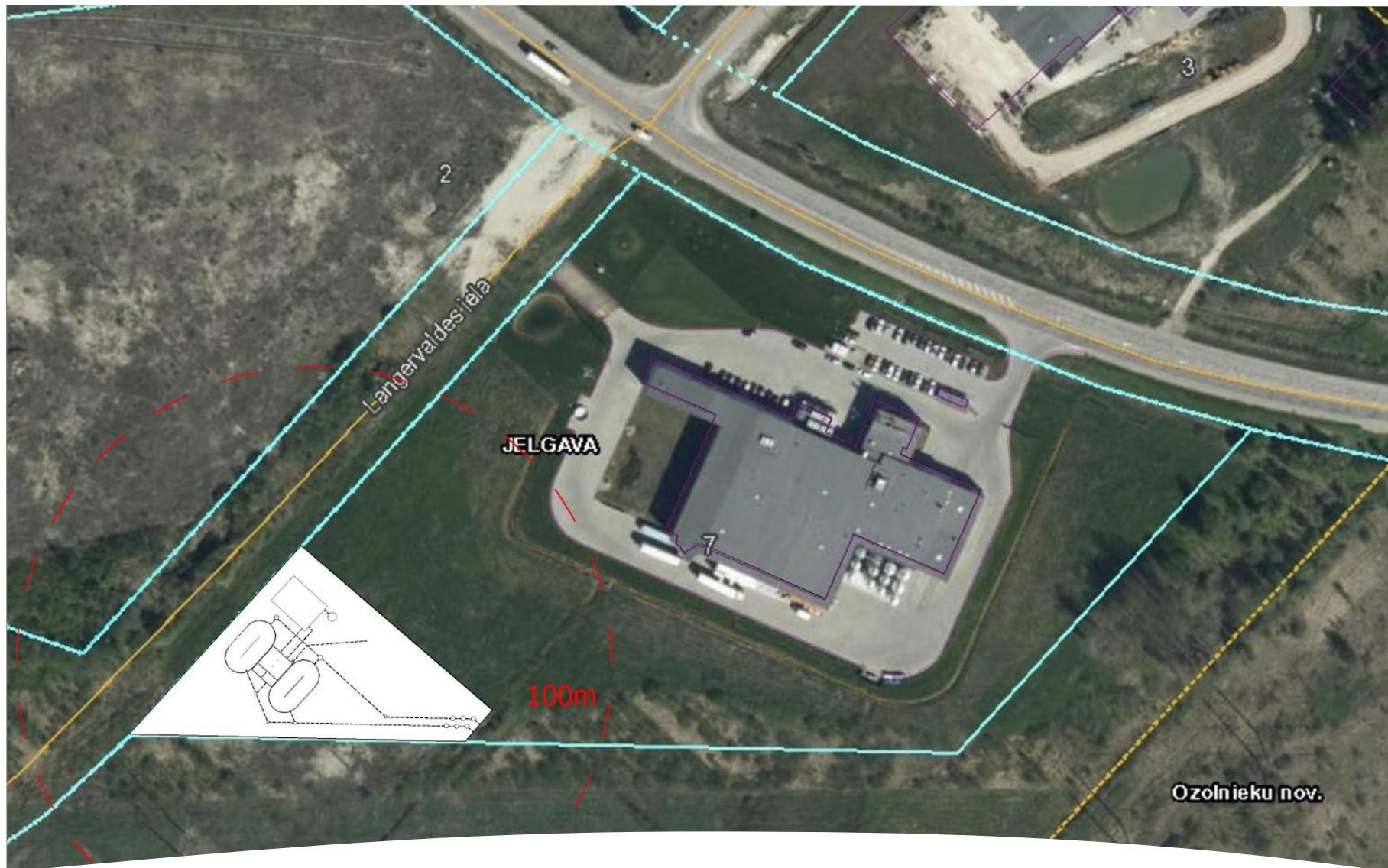
## Situation forecast 2018-2020

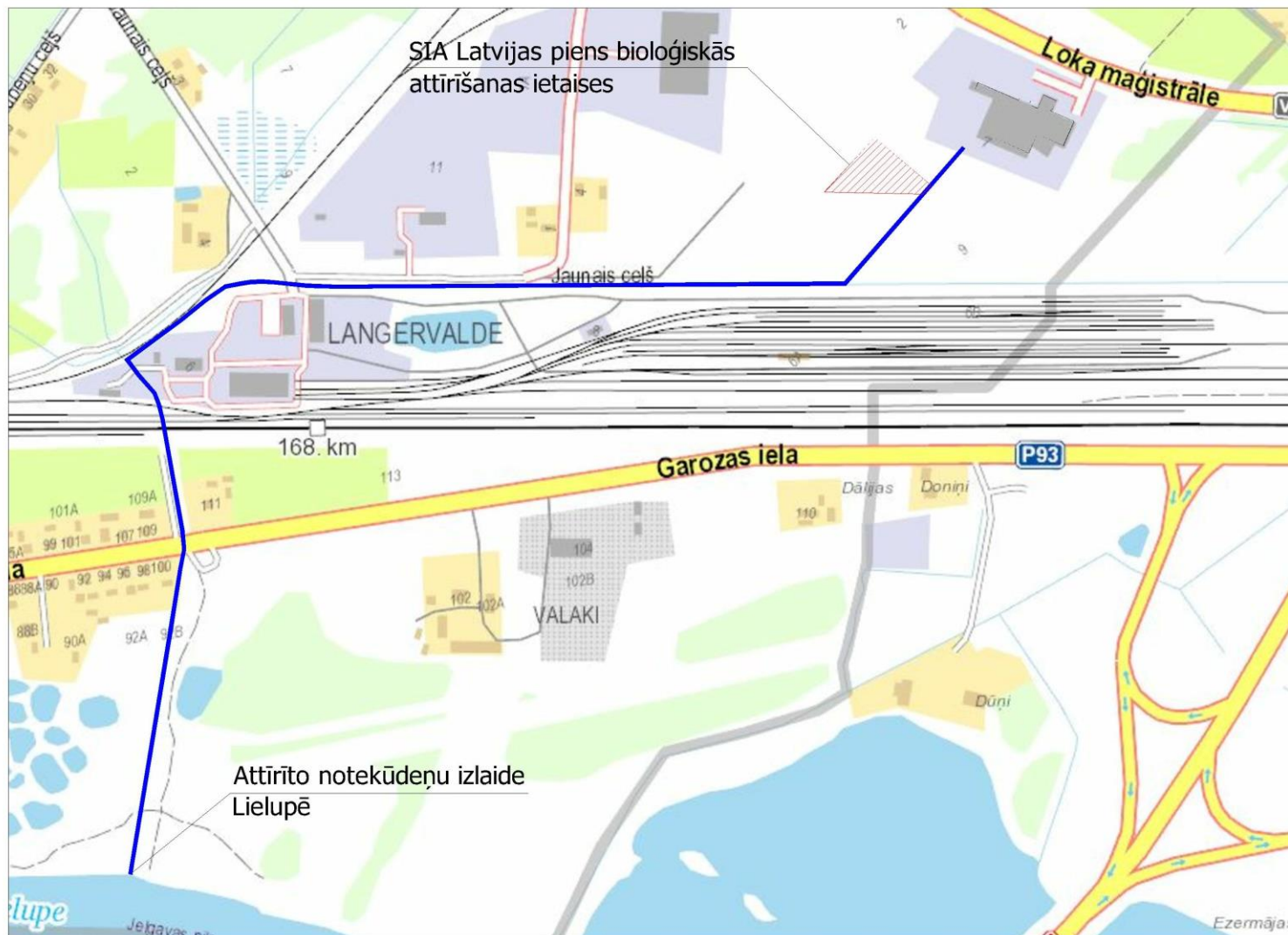
- Feasibility study currently is carried out;
- Two possibilities are evaluated/calculated:
  - Only pre-treatment (discharge into municipal sewage network);
  - Full biological treatment (discharge into river Lielupe);
- Ongoing negotiations with WWTP operator about discharge fee for above scenarios

# Waste water treatment in Latvijas Piens

## Situation forecast 2018-2020

- Estimated project steps/timetable. Year 2018:
  - technical and economic justification done,
  - designing works (technology, construction) done;
  - 3rd party expertise, coordination with authorities done;
- Year 2019 – construction and commissioning;
- Year 2020 – final tuning and target values reached;
- **Project BEST** will finance a part of needed technology – flotation unit (incl.auxiliaries);





THANK YOU!

Dainis Kaņepons  
Technical Director  
dainis.kanepons@lvpiens.lv



EUROPEAN UNION

EUROPEAN  
REGIONAL  
DEVELOPMENT  
FUND

#R054 BEST



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