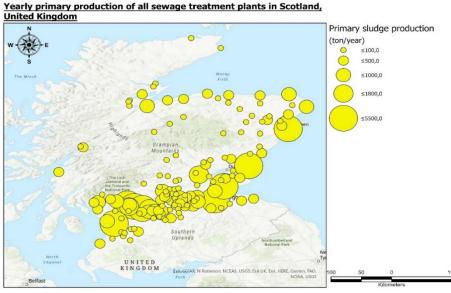
Logistical analysis of prospected PHA production in Northwestern Europe

Objective:

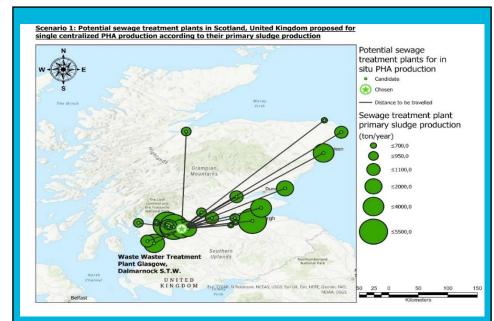
Analyze current capacity of contribution for PHA production for sewage treatment plants in Scotland, Ireland and Saarland as well as logistical transport possibilities to PHA production facility.

Tools used:

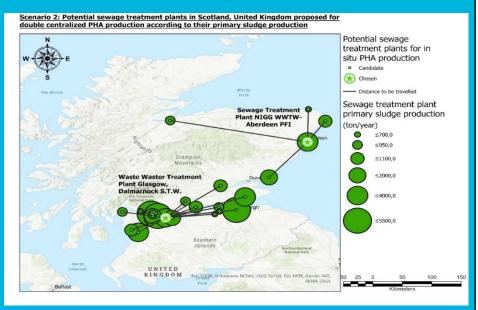
- Decision support tool Geographic information systems Arc GIS Pro



Scenario	Number of facilities linked	Total distance to be driven (km)	Total amount of sludge delivered to PHA facility (ton/year)	Total amount of sludge processed by PHA facility (ton/year)
1	23	2015	39472	42021
2	23	1170	36412	42021
3	150	15959	55163	56167



Centralized production



Decentralized production

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Project/Research Group: Biobased resource and energy

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