



**Arctic Waste Forum webinar:
Materials, methods & mandates**

Special challenges and solutions for ashes and food waste

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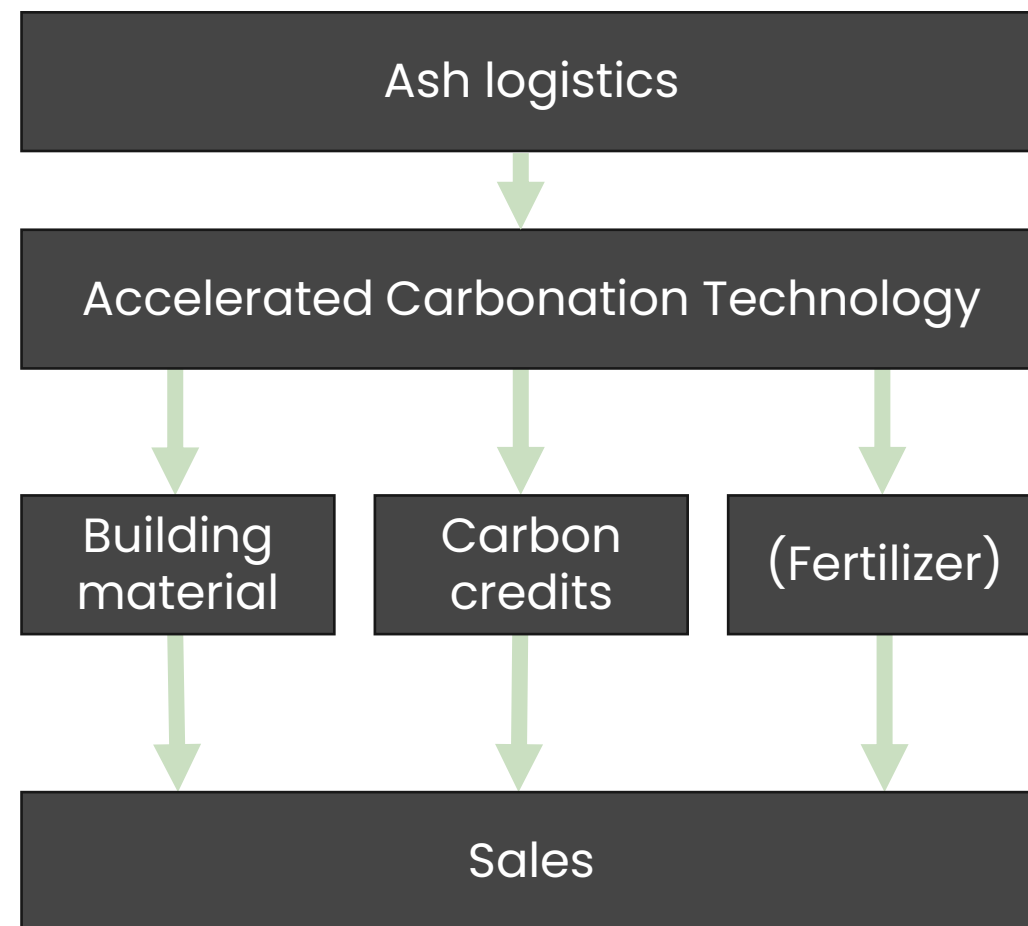


CHALLENGES

- Collection vs. location –related challenges
- Waste composition –related challenges
- Technology-related challenges
- Market-related challenges

CASE EXAMPLE 1 – ASH TREATMENT

- Accelerated Carbonation Technology by OCO (UK)
- Modular solution that allows scaling up to 12,000 t/a
- The products are a building material and possibly fertilizer as well as carbon credits
- Building material met the requirements of EN13242 and EN13055 standards – End of waste status in the UK



ACCELERATED CARBONATION TECHNOLOGY

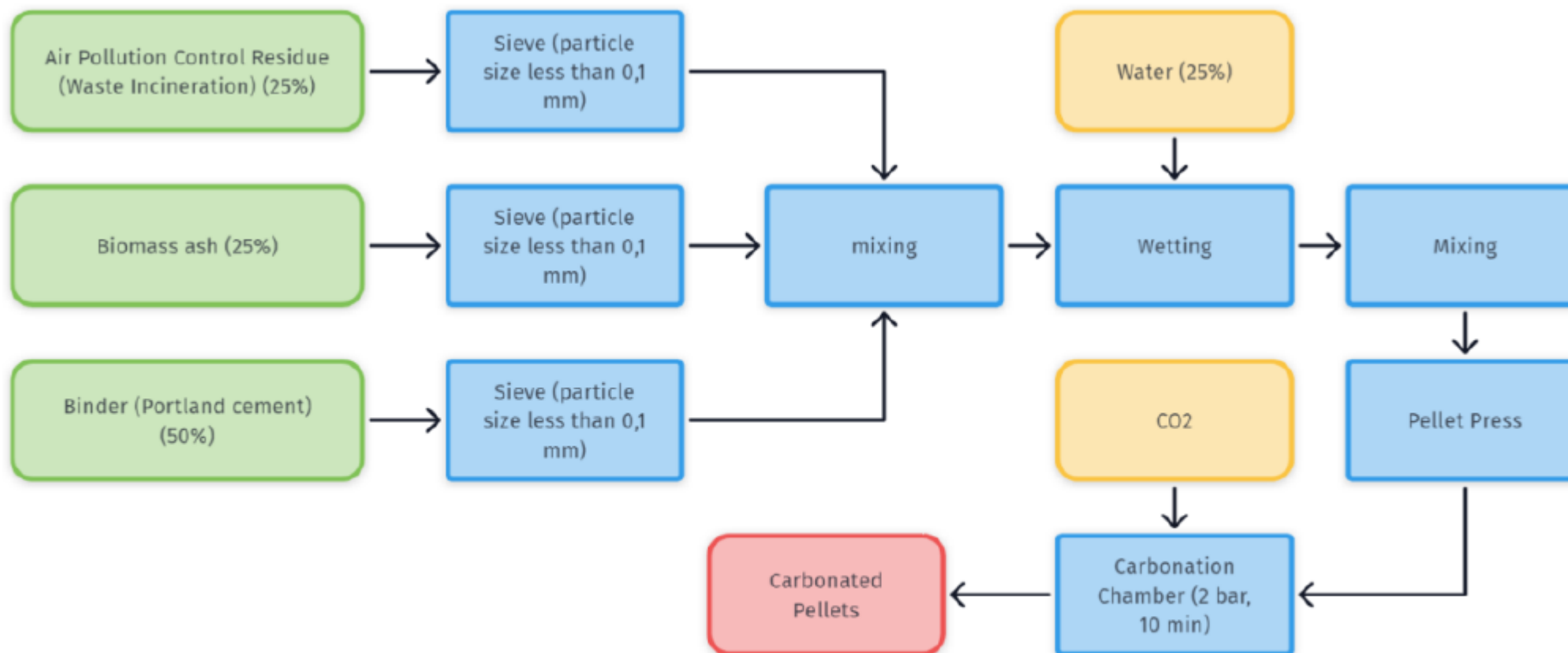


Figure 2 Accelerated Carbonation Technology

CASE EXAMPLE 2 – SOLUTIONS FOR FOOD WASTE COLLECTION **macon**

- Bioneeri, Salpakierto Oy, Finland
- Kuusamo Digital Sorting Station Pilot , Wastebook Oy, Finland
- Hauru Smart / Jaete, Haurun Jäteauto Oy, Finland
- The composter as a waste container -project (2019-2020), Jätekukko Oy and Biolan Oy, Finland.

KIITOS

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