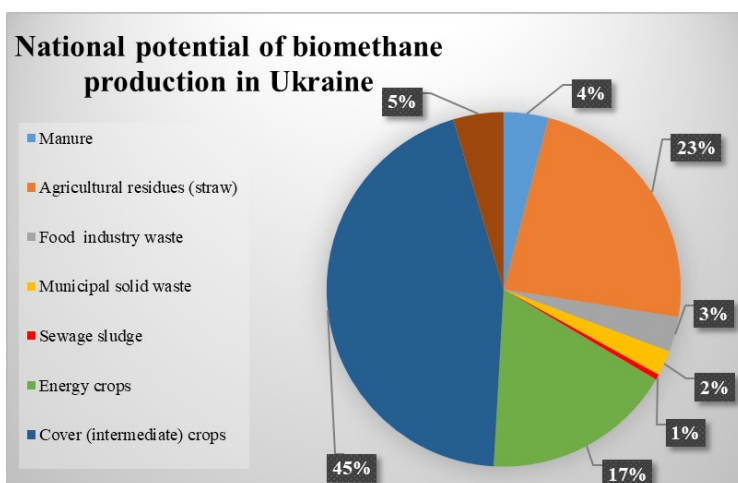
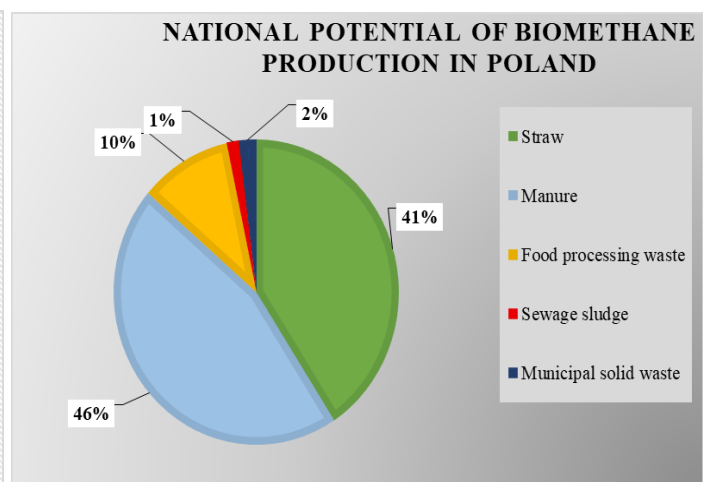
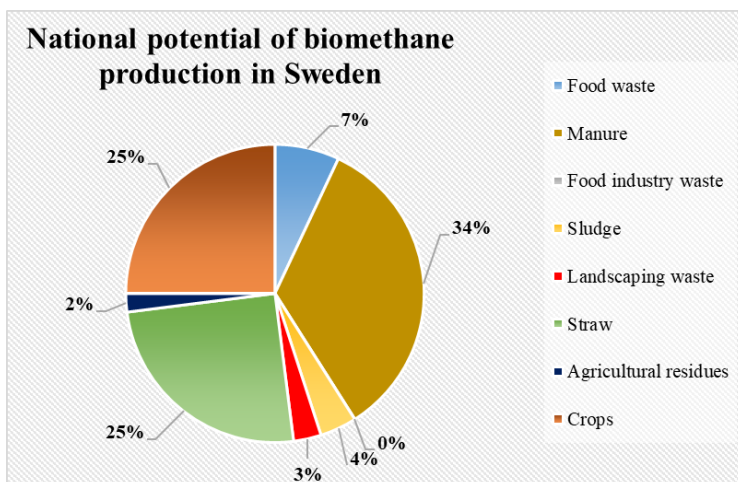


National potential of biogas and biomethane production in Sweden, Poland and Ukraine

Sweden produces 2.3 TWh biomethane per year that is around 18% of the estimated national potential¹.

According to Polish Biomethane Organization report², overall and realistic biomethane production potential in Poland are 16 bcm and 9 bcm, respectively, but biomethane production has not been started yet due to legal and other challenges.

Ukraine as agricultural country has a huge biomethane production potential that is equal to 21.8 bcm in accordance to estimations done by Bioenergy Association of Ukraine³, however only 0.5% is realized now.



Sweden, Poland and Ukraine have different current situation in biogas/biomethane production. Dominated sources for national potential of biomethane production were determined as agricultural residues. Thus, each country has challenges and problems in reaching this potential realistically. Within this project we will investigate and create joint knowledge needed for biogas solutions boosting in Baltic Sea Region, including participating countries.

1. Lindfors, A., & Feiz, R. (2023). The current Nordic biogas and biofertilizer potential: An inventory of established feedstock and current technology. In *Report*. <https://doi.org/10.3384/9789180752558>.
2. Report is available in Polish: <https://bioch4.org/wp-content/uploads/2024/07/Raport-Skrot.pdf-2.pdf>.
3. <https://uabio.org/en/>

Project “Biogas Partnership: co-creating a pathway to boost biogas solutions in the Baltic Sea Region”

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