

PIB Biobased Energy Ukraine
leading Dutch technologies for integrated solutions

Dutch – Ukraine cooperation in sustainable use of biomass and biofuels – Dutch technologies

Біомаса від сільського і лісового господарства,
як джерело для місцевих енергоефективних рішень –
голландські технології

Hans van Klink – International coordinator PIB

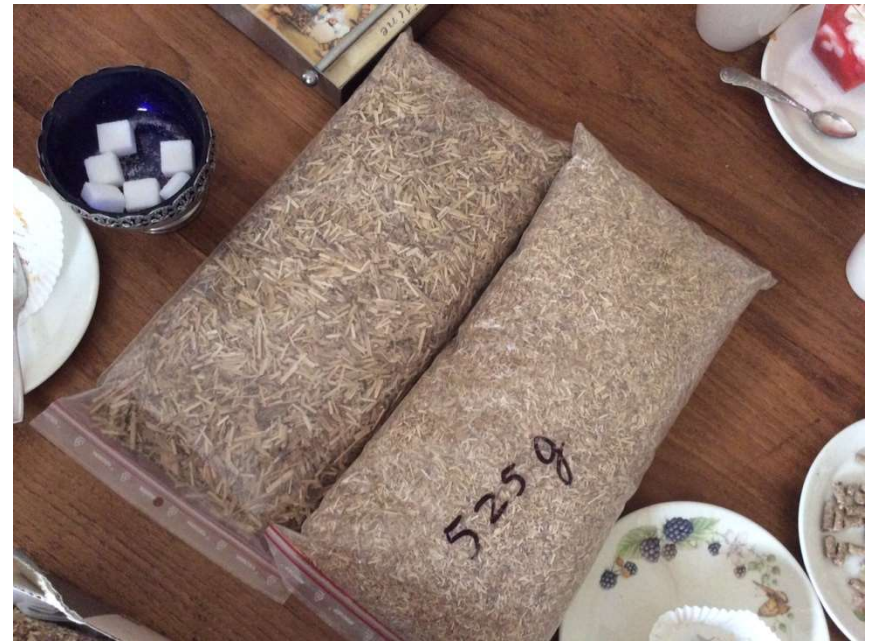
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Biomass from Agriculture and Forestry (1) ?



Briquette of pressed reed



Harvested chopped reed

Biomass from Agriculture and Forestry (2) ?



Organic wastes
from greenhouses and restaurants



Grass as a source
for valuable materials

Biomass from Agriculture and Forestry (3) ?



Sugar beet
as the perfect source for valuable
materials and chemicals



Wood wastes for
local energy production

Partners for International Business Biobased Energy Ukraine

Public-Private Partnership for the Dutch Biobased Energy Sector

The participants of the partnership are **leading companies** regarding different aspects of the biobased production chain and renowned **knowledge institutions** and are supported by **the Dutch Government**

The partnership invests, designs, supplies and advises for biobased energy projects in Ukraine



: Biomass boilers (high efficiency), conform EU standards



: Technology to produce valuable green materials from sugar beets



: Pyrolysis technology for production of bio-oil (biofuel)



: Biomass digesting, biogas upgrading, biomass combustion



: PVC product for roof purposes to regulate the indoor climate

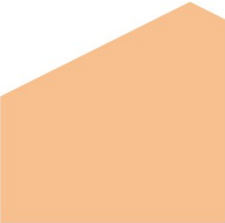


: Joint Research projects (EU funding)




: Business training

PIB partners from the Netherlands

- **Practical, knowledge and scientific experience**
 - **Long year experience in business with Ukraine**
 - **Investments projects**
 - **R & D projects /cooperation**
 - **Different approaches: project related, equipment and installations, cooperation, direct delivery, etc.**
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PIB partners are looking for

- **Cooperation with UA partners in international tenders**
 - **Manufacturing of equipment in Ukraine**
 - **Investments projects in (bio)energy sector / biorefineries**
 - **R & D projects /cooperation with universities (EU funding)**
 - **Sales representatives in Ukraine**
 - **Etc.**
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PIB Contacts in Ukraine

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Велике дякую!

THANK YOU VERY MUCH !