



**Rábapordányi
Mezőgazdasági Zrt.**

Rábapordányi Agricultural Ltd.'s path towards sustainability

„It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change.” – Charles Darwin



Who we are?

- ▶ 24 000 fattening pig per year
- ▶ ~5 000 piglets (25 kg bodyweight)
- ▶ 7-7,5 million litre milk per year
- ▶ 1 000 hectares arable land
- ▶ 160 hectares grassland



Crop production

- **Switching from tillage-based methods to regenerative soil processing in 2011**
 - Increasing area of soybean and peas since 2016 (now 35-40% grain legume)
 - Plowing finished in 2019
 - Since 2021 the maximum working depth is 15 cm (periodic medium-deep soil loosening)
 - Cover crops since 2022
 - Strip-till technology since 2024
 - Reduction of the number of trips with machine combinations



Animal husbandry

- Intensive animal keeping with precision technologies
 - Pig production:
 - Air filtration, high biosecurity (low medicine usage)
 - Individual feeding for sows (better reproduction results)
 - Dairy keeping:
 - Ethological monitoring based system (CowManager®)
 - Intensive ventilation, comfortable housing (high milk production level, 40-45 kg/cow daily)
- The most important product: **manure**
- Sustell® audit about carbon footprint:
 - 1,53 kg CO₂/kg milk
 - 3,11 kg CO₂/kg living pork



Reducing the ecological footprint

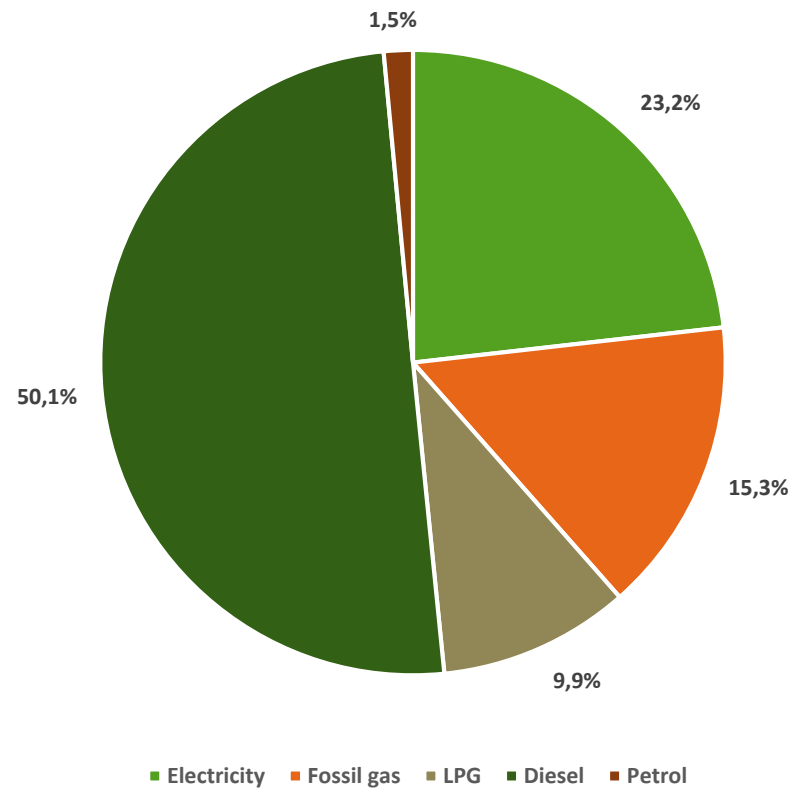
- **The goal is to leave imported soybean meal behind**
- **Producing our protein need within 25 km**
 - **New protein extruder in 2023**
 - **Integration of grain legume production**
 - **Lower transport costs**
 - **Controlled raw material**
- **Renewable energy**
 - **Solar farm with 369 kW performance**



Our current emission

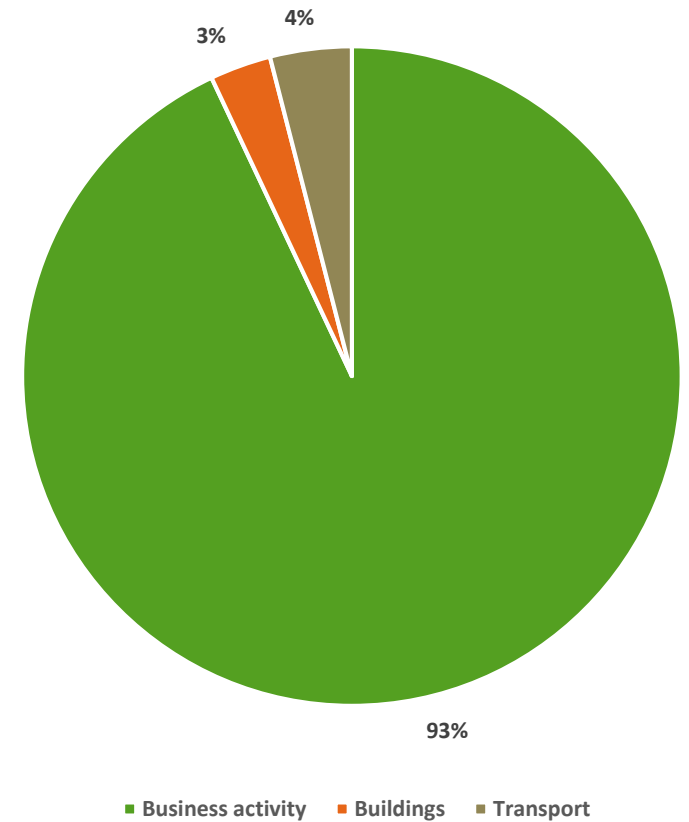
Based on Wattler Ltd.'s independent audit

Distribution of energy consumption by energy source



CO₂ - OUTPUT: 1272,9 tons/year


Distribution of energy consumption by subarea



Our current fixing

CO₂ - FIXING: 1294 tons/year

Agreena® audit on 1096 hectares

Rábapordányi Mezőgazdasági Zrt	Agreena	1,096 Hectares signed with Agreena																				
Company details <i>Please let Agreena know, if any of your company details need to be updated</i>	Field locations																					
<table><tr><td>Farmer name</td><td>Szabolcs Bóna</td></tr><tr><td>Company name</td><td>Rábapordányi ...</td></tr><tr><td>VAT</td><td>HU12584008-2-08</td></tr><tr><td>Address</td><td>Gévay Wolff Lajos utca 50</td></tr><tr><td>Zip code</td><td>9146</td></tr><tr><td>City</td><td>Rábapordány</td></tr><tr><td>Country</td><td>Hungary</td></tr><tr><td>Country</td><td>HU</td></tr><tr><td>First contract</td><td>Apr 26, 2023</td></tr><tr><td>Latest contract</td><td>Apr 26, 2023</td></tr></table>	Farmer name	Szabolcs Bóna	Company name	Rábapordányi ...	VAT	HU12584008-2-08	Address	Gévay Wolff Lajos utca 50	Zip code	9146	City	Rábapordány	Country	Hungary	Country	HU	First contract	Apr 26, 2023	Latest contract	Apr 26, 2023		
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Thank you for your attention!

