2027 Sectoral Road Map: Beef, Sheep, Dairy and Pigs

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2027 Sectoral Road Map: Suckler Beef

	Current & Industry Target for 2027		Current Research performance
Suckler calf to beef	**Current**	**2027**	**High stocking rate**
Calving interval (days)	394	390	365
Calving at 23-26 months (%)	22%	29%	100%
Calves/cow/year	0.85	0.87	0.95
Herbage utilised (t DM /ha)	6.2	7.2	10.6
Steer age at slaughter (months)	28	27	22
Percentage N as protected urea	1%	35%	100%
Percentage slurry applied by LESS	5%	75%	100%
Net margin (€/ha)	38	159	440

2027 Sectoral Road Map: Dairy Calf-to-Beef

	22-month steer
Dairy calf-to-beef	High stocking rate
Stocking rate (LU/ha)	2.8
Herbage utilised (t DM/ha)	10.4
Carcass weight output (kg/ha)	971
Production costs (incl. calf; €/kg carcass)	3.26
Net margin (€/ha)	501

2027 Sectoral Road Map: Sheep Lowland

	Current	Industry Target 2027	Current research performance
Litter size	1.48	1.75	>2.1
Lambs waned per ewe joined	1.37	1.55	>1.85
Stocking rate (ewes/ha)	7.8	9.0	12
Carcass weight (kg/ha)	225	280	>445
Percentage N as protected urea	1%	35%	35%
Net margin (/ha)	149	325	850

2027 Sectoral Road Map: Dairy

	Current	Industry Target 2027	Current Research Performance
Stocking rate (LU/ha)	**2.10**	**2.20**	**2.70**
Herbage utilised (tonnes DM/ha)	**7.8**	**8.9**	**12.9**
GHG emissions (kg CO_2e/kg FPCM)	**1.13**	**0.96**	**0.86**
Fertiliser N usage (kg/ha)	**184**	**170**	**150**
Slurry applied by LESS (%)	**<10%**	**80%**	**100%**
Fertiliser N applied as protected urea (%)	**<2%**	**50%**	**100%**
Net margin at 29 c/l base price (€ha)	**519**	**1,125**	**2,452**

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2027 Sectoral Road Map:Pigs

Sectoral average	Current	Industry Target 2027	Top 10% of producers 2027
Number of pigs produced/sow/year	26.8	28.0	30.0
Feed conversion weaning to sale	2.44	2.35	2.30
Herd FCE	3.58	3.50	3.40

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Conclusions

1. **Further increases in productivity will be greatly influenced:**

   - **Continued increase in the genetic potential**

   - **Increase grass utilisation through improved grassland management**

2. **Increase in sustainability will be greatly influenced:**

   - **Adoption of technologies in relation to LESS and greater use of Protected Urea**

   - **Increase Nitrogen use efficiency and using White Clover to replace chemical fertiliser**