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'INDIVIDUAL FARM DEVELOPMENT PLAN' 4 MONITOR FARMS LUXEMBOURG

AMS & COW TRAFFIC

EGF 2015- Grazing workshop

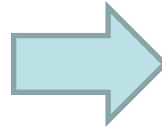


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Main Objective:

Adapt cow traffic to Pasture intake & AMS utilisation

■ Low pasture intake
< 10 kg [kg DM.cow⁻¹.day⁻¹]
and/or
AMS utilisation
< 60 cows.AMS⁻¹



Simplified traffic and infrastructure:
- single tracks-
- selection gate robot exit
- simplified paddock rotation

■ High pasture intake
> 10 kg [kg DM.cow⁻¹.day⁻¹]
and
high AMS utilisation
> 60 cows.AMS⁻¹



Sophisticated traffic and infrastructure
- AB(C) with double main track
- Selection gate pasture return
- Half day paddock allocation



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Improve 4 monitor farms:

- LU01: organic farmer
AMS since 2015- (45 cows -12 ha pasture)
→ day night grazing spring- half day grazing summer & autumn)
- LU02: 2 AMS – (85 cows- 10 ha pasture)
→ Half day grazing- ‘empty feeding’ trough in the morning
- LU03: 2 AMS – (80 cows – 40 ha)
→ cow traffic: new farm layout, new tracks, selection gate on pasture return
AB System
- LU4: 1 AMS – (65 cows - 22 ha)
→ ABC- System- with C paddock indoor → Liver fluke

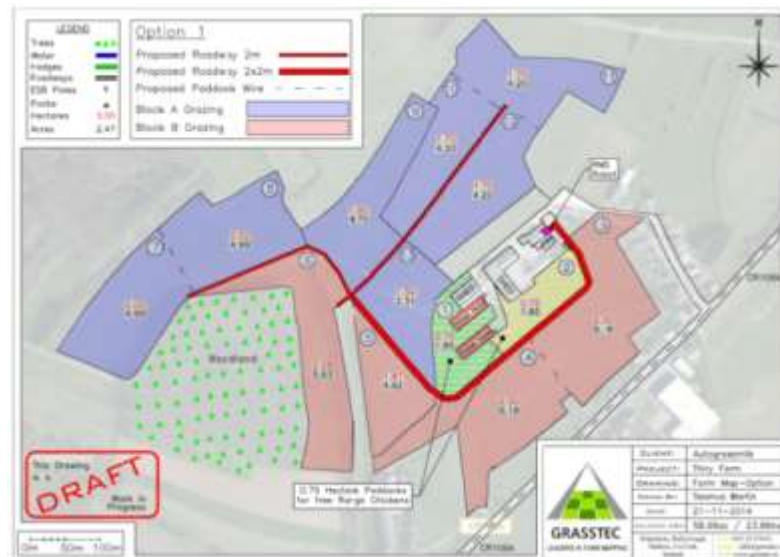


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Improve monitor farm

Example cow traffic and cow tracks

- Asses farm layout



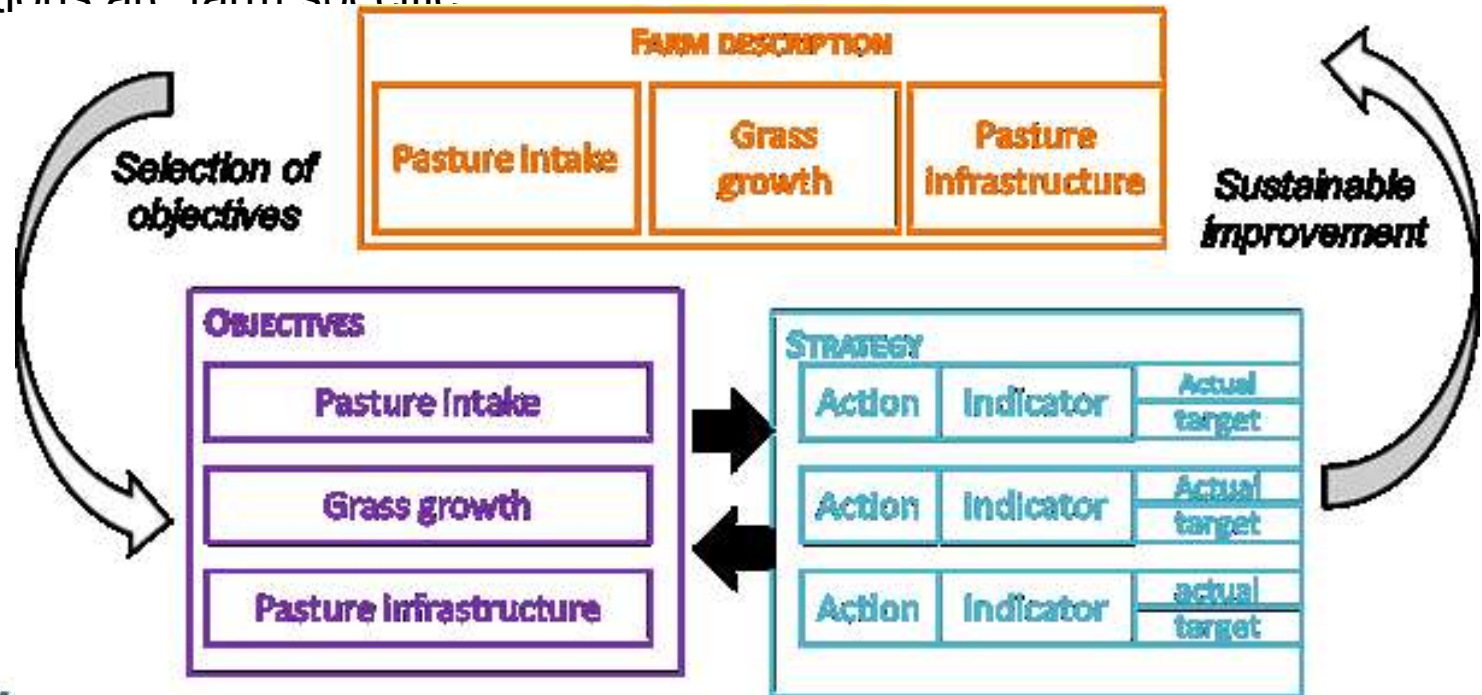
- Visit to farms with innovative farm layouts
Ireland may 2015- farmers- advisors
- Contact to authorities for approval



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Conclusion:

- AMS & grazing is possible with great impact on social aspects
- Cow traffic is key factor
- 4 farms: 4 different solutions
→ solutions are farm specific



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