

The world's first virtual fence for livestock

Nofence



History

Nofence has been developing our virtual fencing solution for over a decade.

2016 pilot project with 850 Goats

2017 Nofence approved for Goats by the Norwegian Food and Safety Agency

2019 Commercial pilot for Cattle and Sheep



Nofence Now

February 2022



Nofence Now

- A proven flexible fencing solution
- 35 000+ collars sold
- 149+ million hours
- Norway, UK, Ireland, Belgium, France, Spain, Germany, Denmark & Italy
- A growing body of research with institutions all over the world

Nofence in UK & Ireland

4,214 cattle collars

804 sheep & goat collars

Across 163 sites

74% sites cattle collars

Conservation grazing

Commercial farming

Managed grazing

Upland grazing



How Nofence works



The Recipe

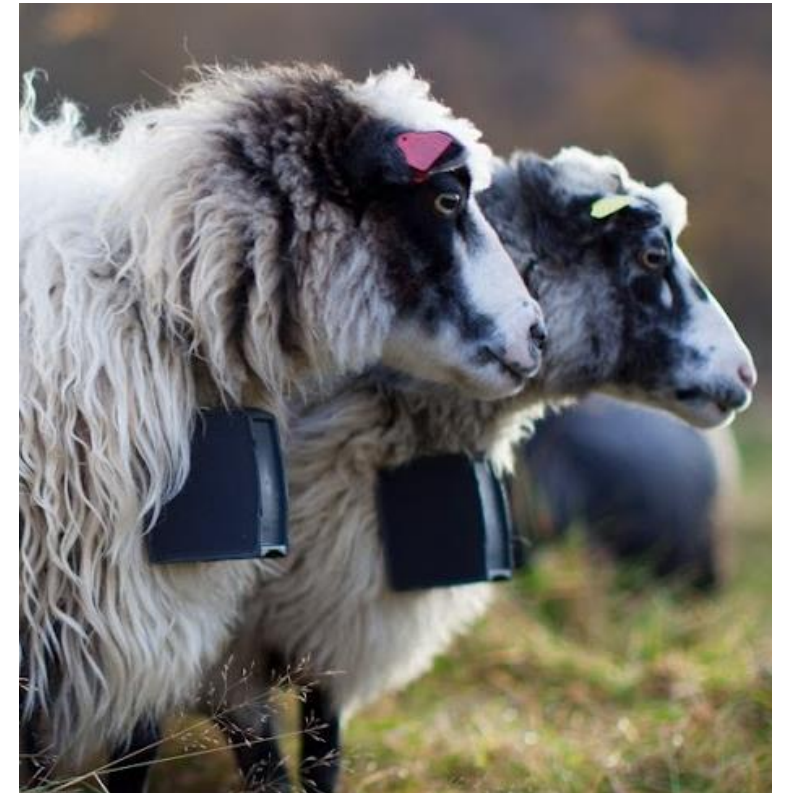
System requirements

- GPS signal
- 2G coverage

Animals

- All adults wear a collar
- Training period
- Pastures design

The Collars



Battery Life

Battery slots into the bottom of the collar, plays a welcome sound when first connected

- **Cattle collars**

 - March to Oct – solar recharging

 - Plug in charges through winter

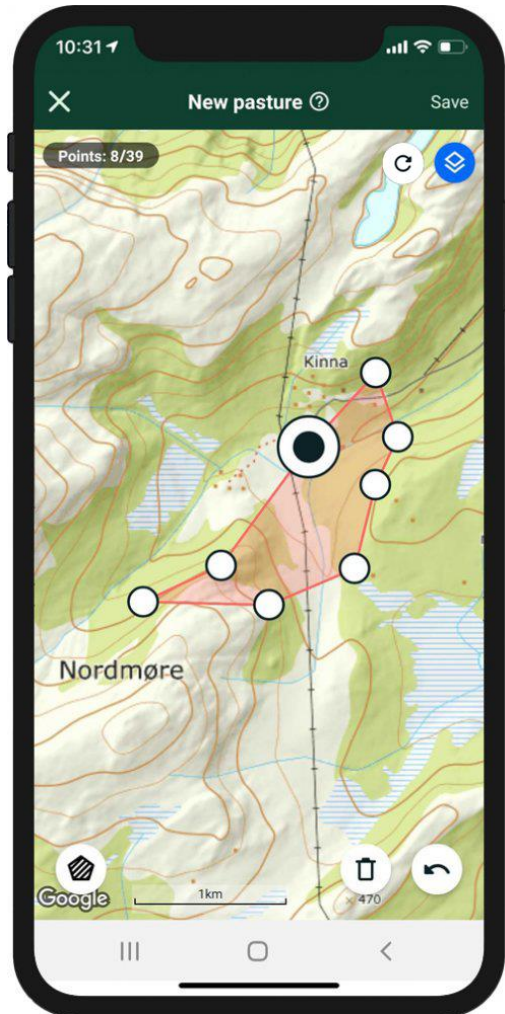
- **Sheep collars**

 - 2 – 3 months

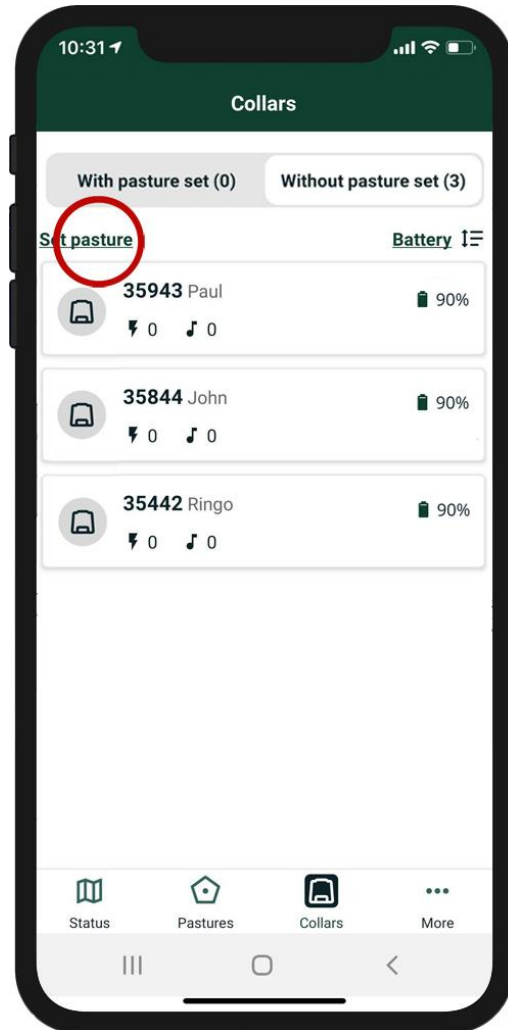


The Application

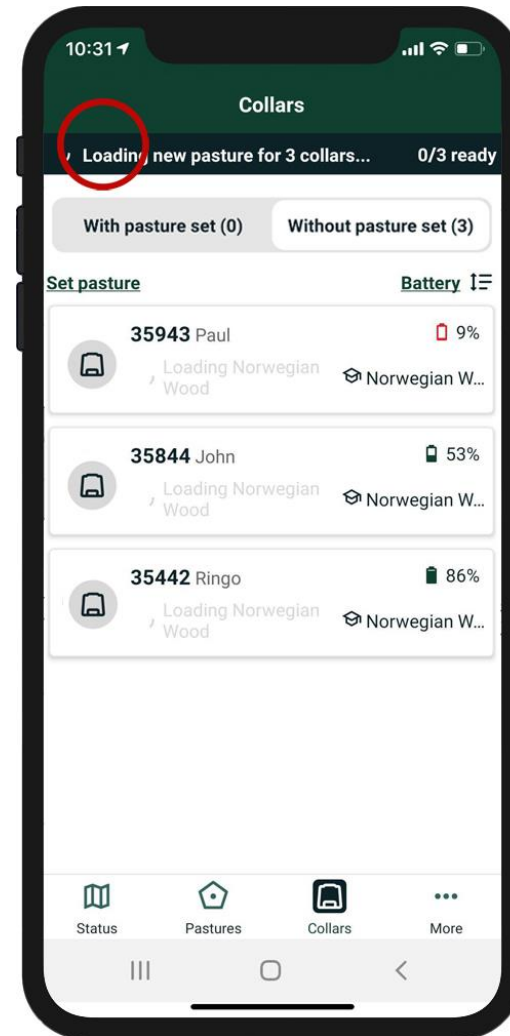
Create Pasture



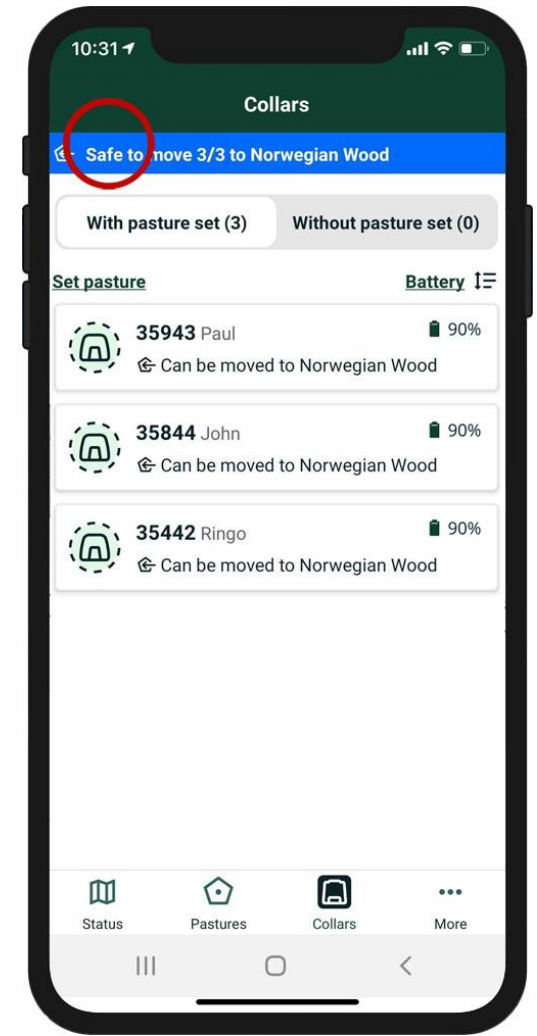
Set Pasture



Load Pasture



Move Animals



My-Nofence

Fra dato: 2019-10-09
Til dato: 2019-11-05

Sorter etter: Stot - Flest

Bruker: City of London Corporation

SerieNr.:

Småfe: Storfe:

Klaver

« 1 »

36804 300190
⚡ 99 🎵 1770

36952 500664
⚡ 19 🎵 66

36802 400191
⚡ 18 🎵 136

35281 500199

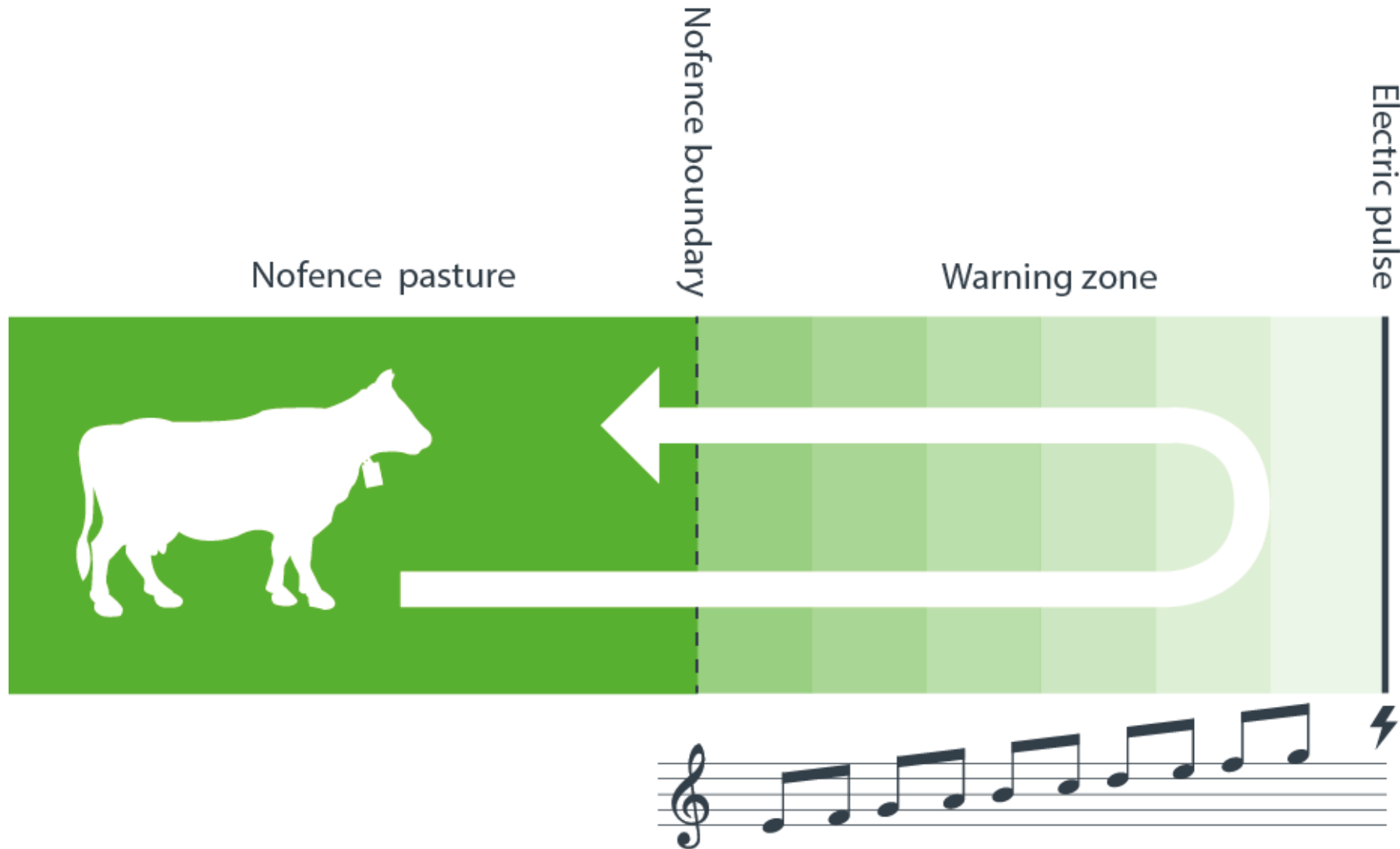
Statkart **Satellitt** Kart

🐄 📍 🎵 ⚡ 🗺️ 28.10.2019 - Nå Markører Varmekart



⚡ 🎵 🐄 📍

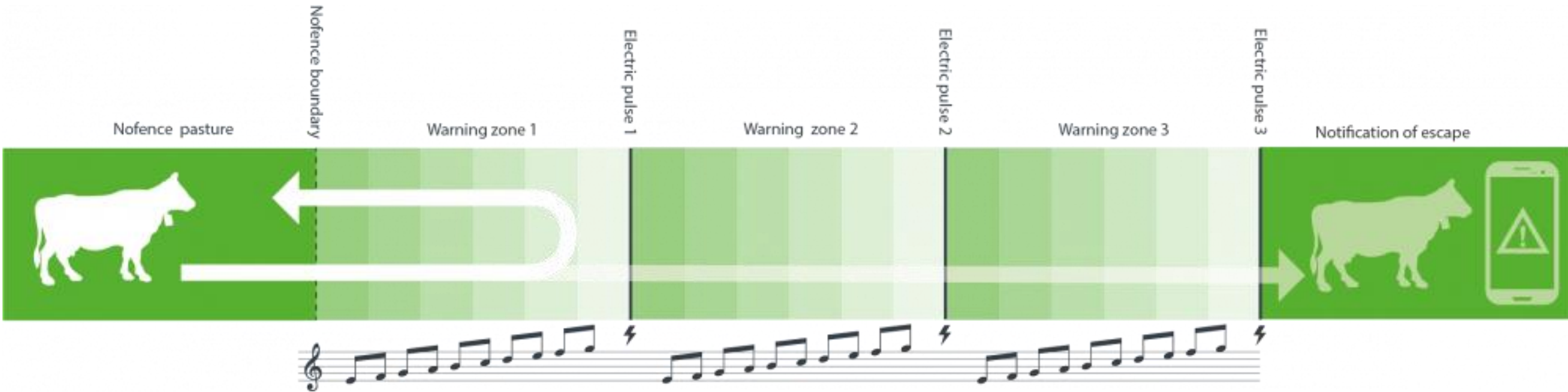
Normal Situation



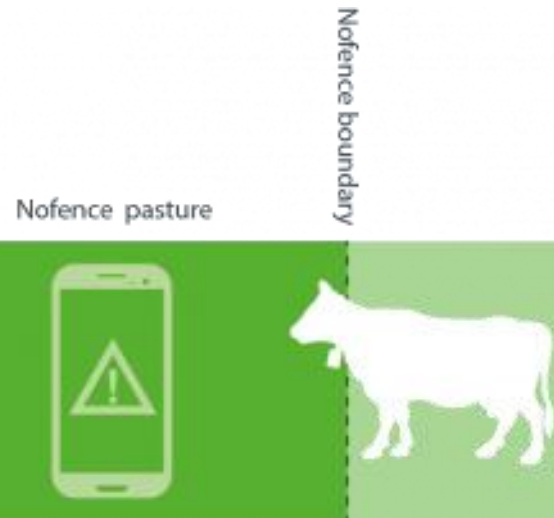
The Nofence Boundary



Escape Situation



Getting back...



**The animal can
return to pasture
without receiving
any audio warnings
or pulses**

How to succeed with Nofence

2G & GPS Connectivity

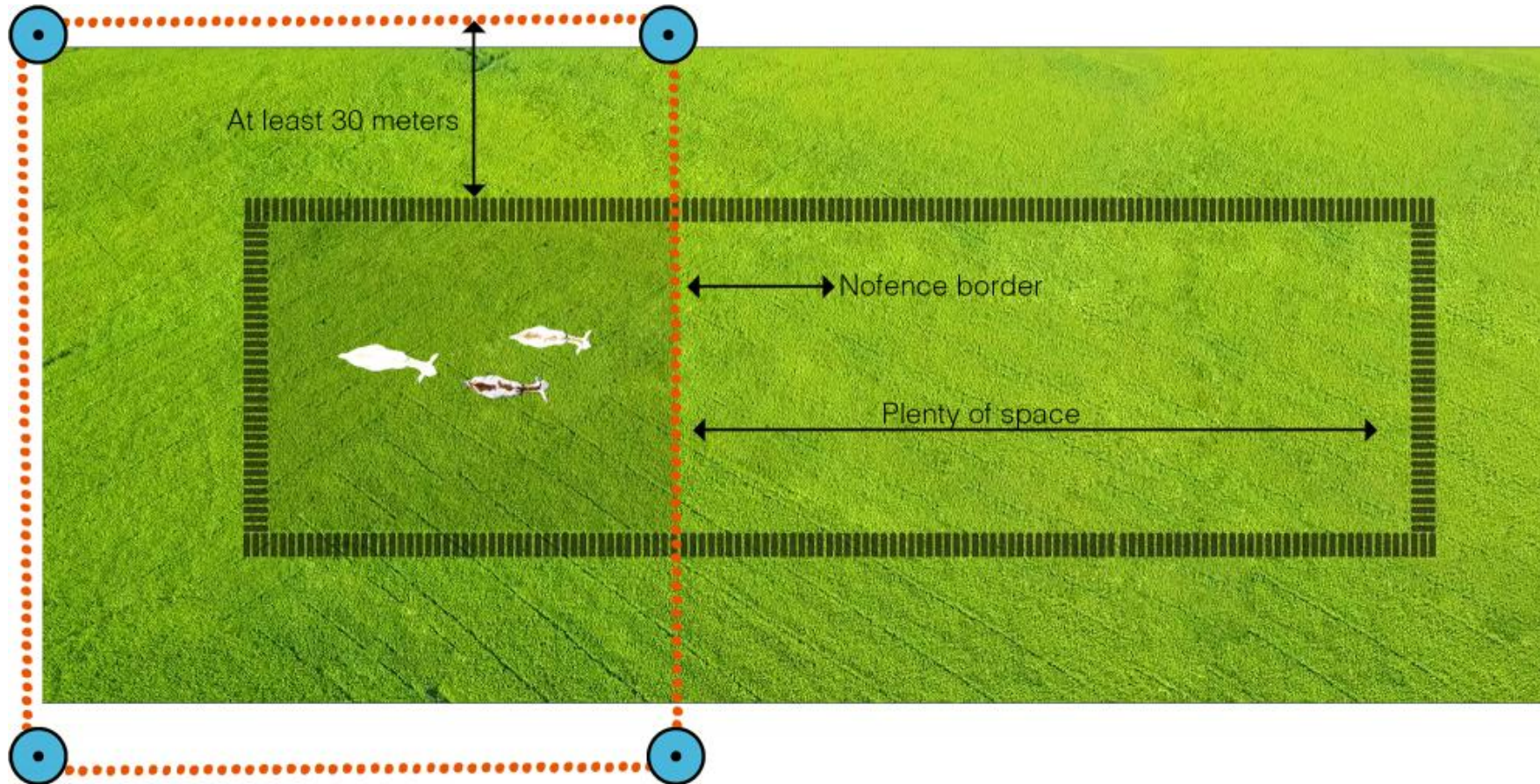
- **GPS**
 - Audio warnings
 - Electric pulses
- **2G Network**
 - Upload pastures
 - Edit pastures
 - Move animals
 - Notifications
- **UK: 02, EE & Vodaphone**



**All adults
wear collars**



Training

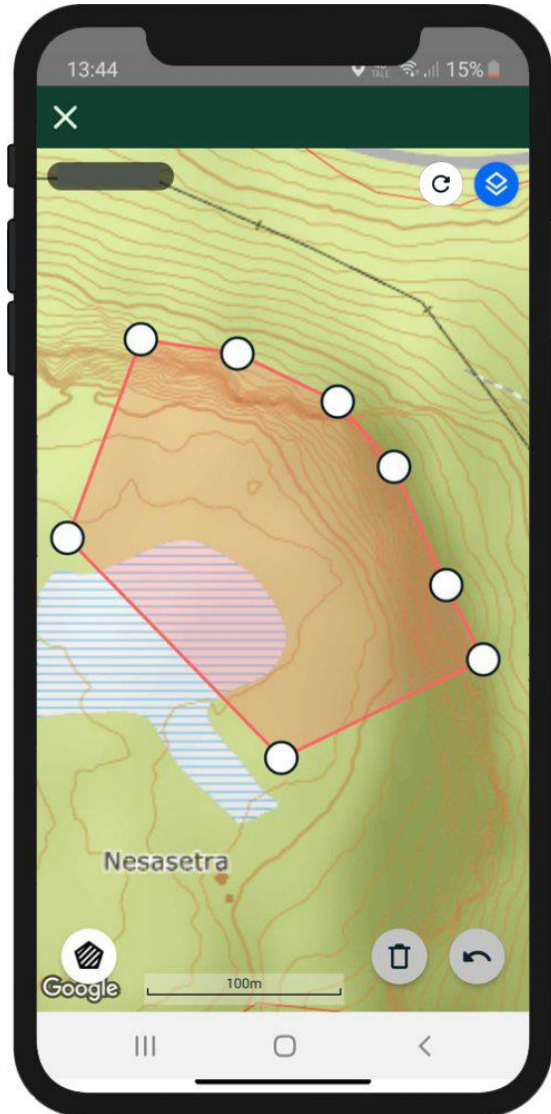


**The collars
have a teach
mode initially**

Training



Good Pasture Design



- Angles above 90 degrees
- Avoid small corridors
- Enough Feed
- Exclusion zones
- Shelter Beacons

Nofence Grazing Technology

Flexible livestock management on the Wellington Estate

A large, symmetrical, yellow stone building with a central portico and a central dome, surrounded by a green lawn and a gravel driveway. The sky is blue with scattered white clouds.

Wellington Estate

Andrew Speed
Estate Director

The Estate

- 7000 acres
- Farm Shop
- Country Park
- Daneshill School
- Wellbeing
- Riding
- Property - residential and commercial
- Shoot and Fishing

The Estate Director

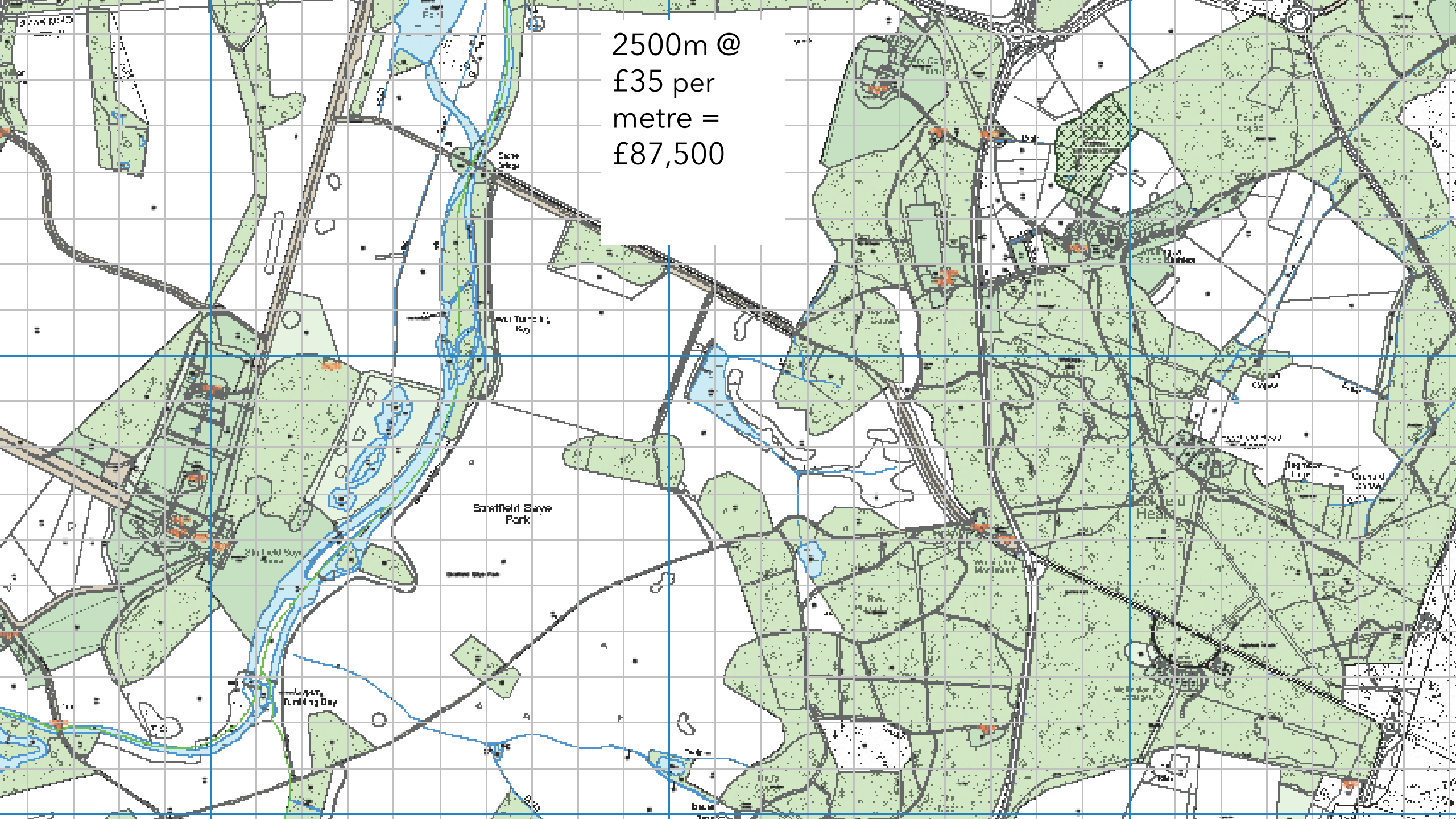
- Ex Army - 25 years
- 5 ½ years as the Estate Director
- I am far from being an expert!

Reasons for Change

- The feel of the private park
- Access to unused pasture
- Cost of replacement fencing



2500m @
£35 per
metre =
£87,500



Other observations

- Common land usage
- Real time locations
- Ease of use on devices
- Accurate location finding - beware the lost collar
- Excellent battery life and recharging in open areas
- Beware thick dense woodland
- Untried - cattle handling. Need some hard barrier. Can back fence

Prices

UK 2022

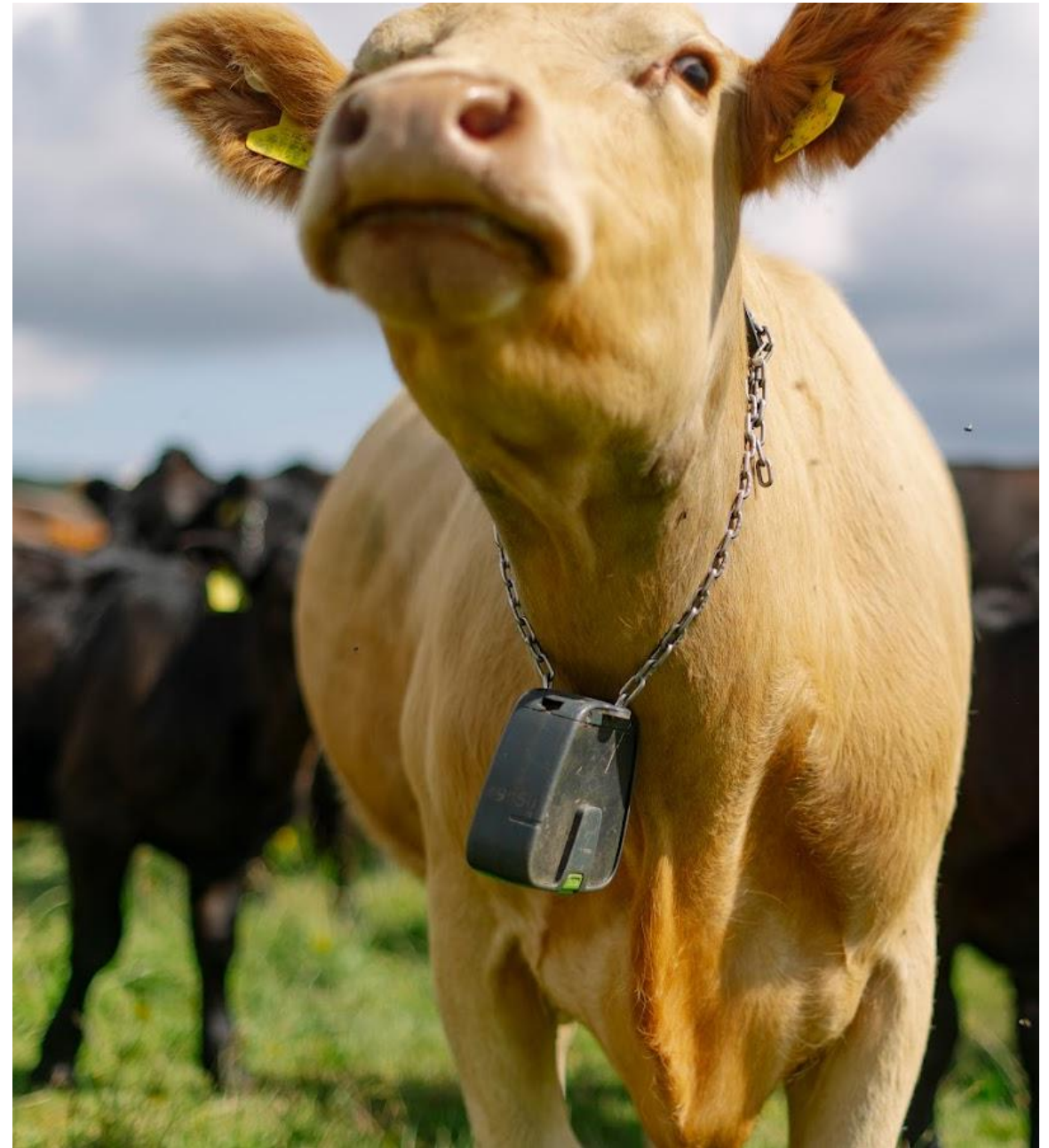
Option 1 – Purchase

- **Hardware Purchase;**
Collars, neckstraps, batteries and chargers
- **Annual Subscription fee**
Application, remote software updates, support, 2G roaming

Option 2 – Rental

- Hardware and usage fee all in one

Discounts start from the 11th collar



Purchase Prices- 2022

Cattle

Product	Price / unit
Cattle Collar <i>Including neckstrap & battery</i>	£239
Charger	£39
Spare battery	£70
Shelter beacon	£19

Sheep/Goat

Product	Price /unit
Sheep/Goat Collar <i>Including neckstrap & battery</i>	£149
Charger	£39
Spare battery	£30
Shelter beacon	£19

Nofence recommends;

1 x spare battery for every 10 collars

1 x charger for every 10 collars

Please contact us for prices for Ireland

Subscription fees - 2022

Sheep/Goat/ Cattle	Less than 10 collars	More than 10 collars Fixed Price Plan
Usage Charge	A: £59 collar/year B: £5.95 collar/month (12 months)	A: £49 collar/year B: £5.30 collar/month (12 months)
Discount		0.5% discount per collar above 10 collar registered to your account. <i>Maximum 50%</i>

Rental Prices - 2022



Cattle

Product	Price / unit
Cattle Collar <i>Including neckstrap & battery</i>	£12/collar /month
Charger	£39
Spare battery	£70
Shleter beacon	£19

Initial 12-month contract

Nofence recommends;

1 x spare battery for every 10 collars

1 x charger for every 10 collars

Sheep/Goat

Product	Price / unit
Sheep/Goat Collar <i>Including neckstrap & battery</i>	£10/Collar /month
Charger	£39
Spare Battery	£30
Shleter beacon	£19

Please contact us for prices for Ireland

Q&A



Contact – sales.uk@nofence.no

Office – 01952 924006 – Agri-EPI Centre, Edgmond

<https://www.nofence.no/en-gb/>