Rialtas na hÉireann
Government of Ireland

The Area Monitoring System

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Integrated Controls Division

9th February 2023

The AMS

- **New CAP – the AMS is now mandatory**
- **Transitional period for the introduction**
- **Replaces Land Eligibility Inspections in 2023**

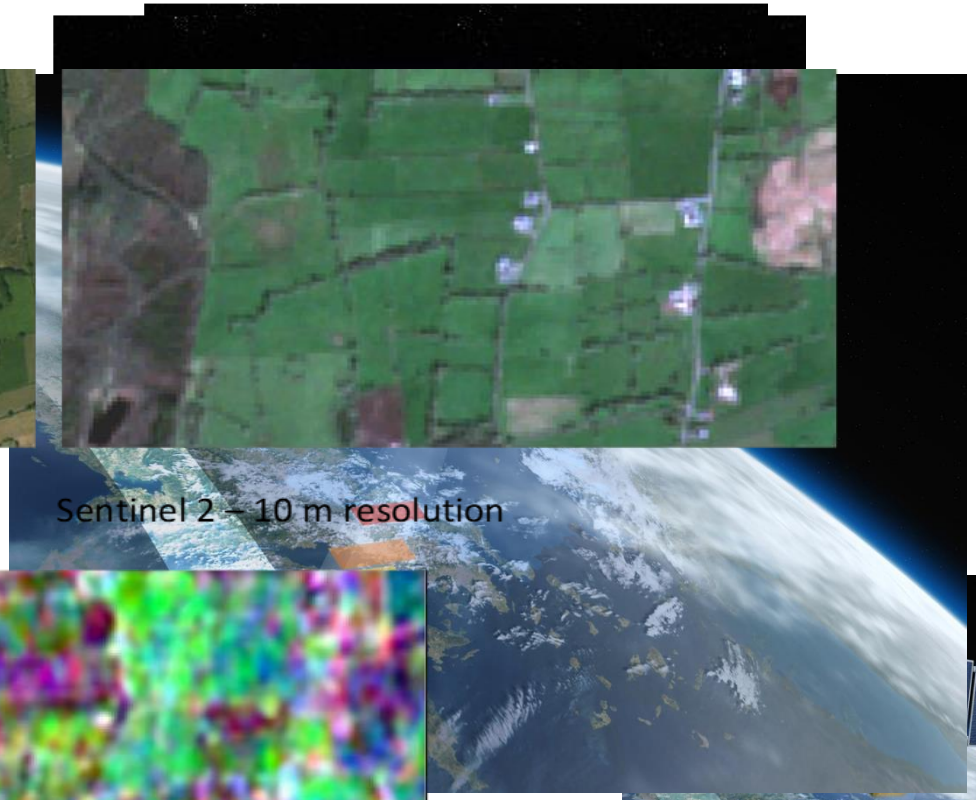
Art. 65 (4) b Reg 2021/2116:

"Regular and systematic observation, tracking and assessment of agricultural activities and practices on agricultural areas by Copernicus Sentinel Satellite data or other data with at least equivalent value"

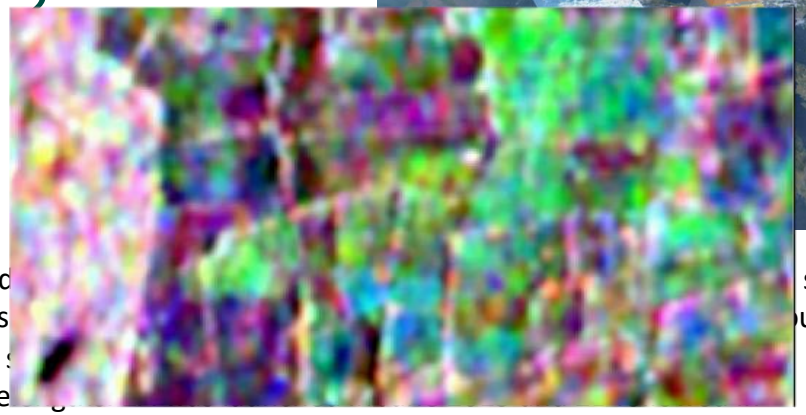
Copernicus Sentinel Satellites

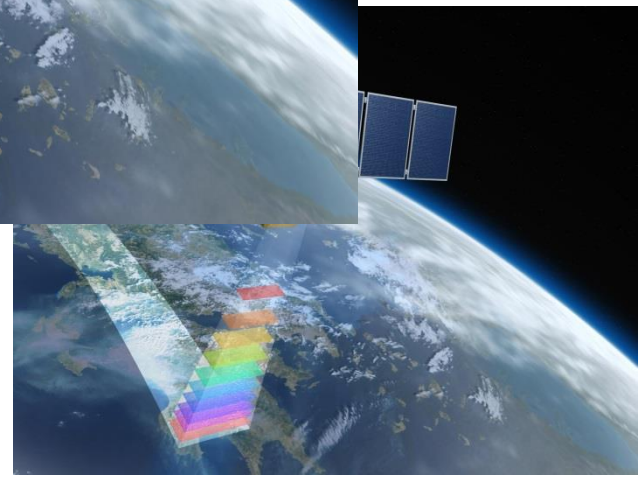
- Large
the worl
- 12 TB
- 7 missions
- AMS is utilising 1 & 2

Bluesky – 25cm resolution



Sentinel 2 – 10 m resolution





Sentinel 1 – c. 20m resolution

Sentinel-1 mission consists of 2 polar-orbiting rad signal to the Earth and measure the signal that bounces uds.
Sentinel-2 mission consists of two polar-orbiting s light reflected from the Earth in 13 different wave March 2017.

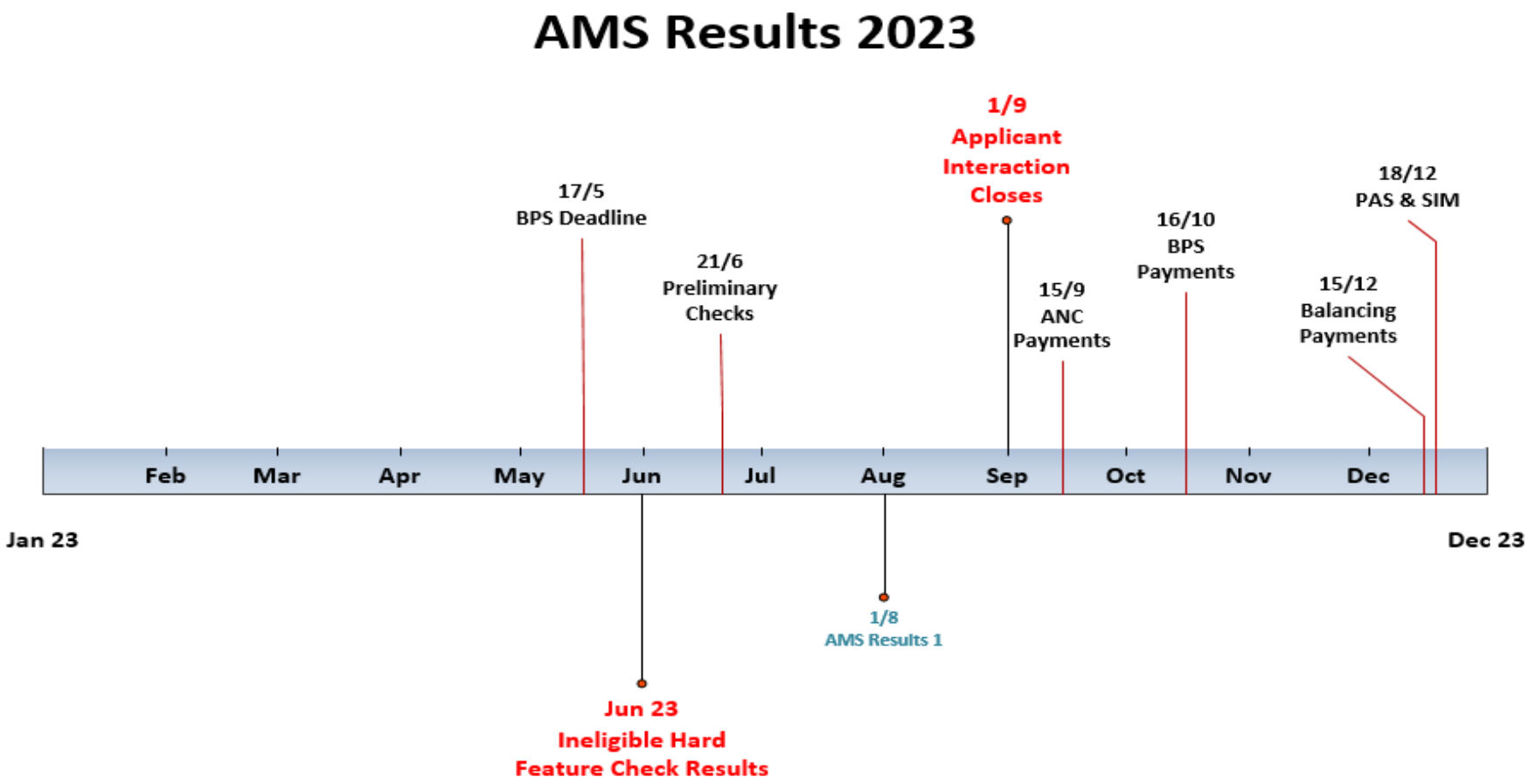
The AMS – the approach

1. **Evaluate whether delineated areas claimed are suitable for AMS analysis.**
   - Change in AL, PG, PC category
   - Presence of ineligible structures
   - Presence of ineligible land use

   Presence of relevant findings may trigger warning alerts to farmer / advisor.

2. **Track and assess AMS monitorable eligibility conditions.**
   - Use Sentinel satellite data or other input data source for AMS analysis
   - Act on AMS outcomes where relevant

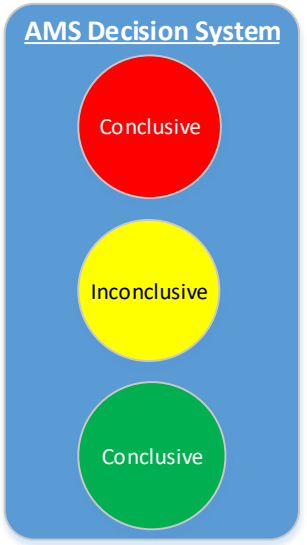
AMS Results


AMS Results 2023
1/9
Applicant
Interaction
Closes
17/5
BPS Deadline
21/6
Preliminary
Checks
15/9
ANC
Payments
16/10
BPS
Payments
18/12
PAS & SIM
15/12
Balancing
Payments
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan 23
Dec 23
1/8
AMS Results 1
Jun 23
Ineligible Hard
Feature Check Results

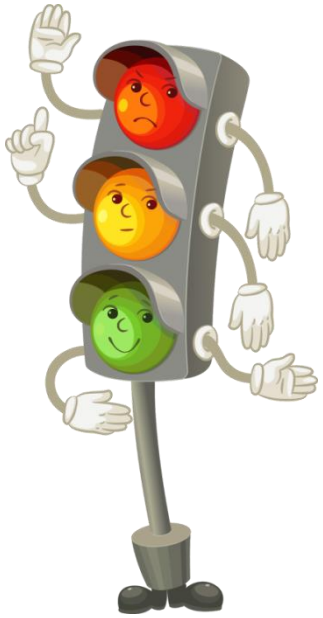
Results

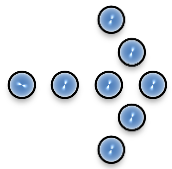
Outcome of automated AMS analysis:

1. Conclusive: absence of fulfilment of eligibility condition(s)
2. Inconclusive: cannot negate/confirm fulfilment of eligibility cond.
3. Conclusive: confirmation of fulfilment of eligibility condition(s)



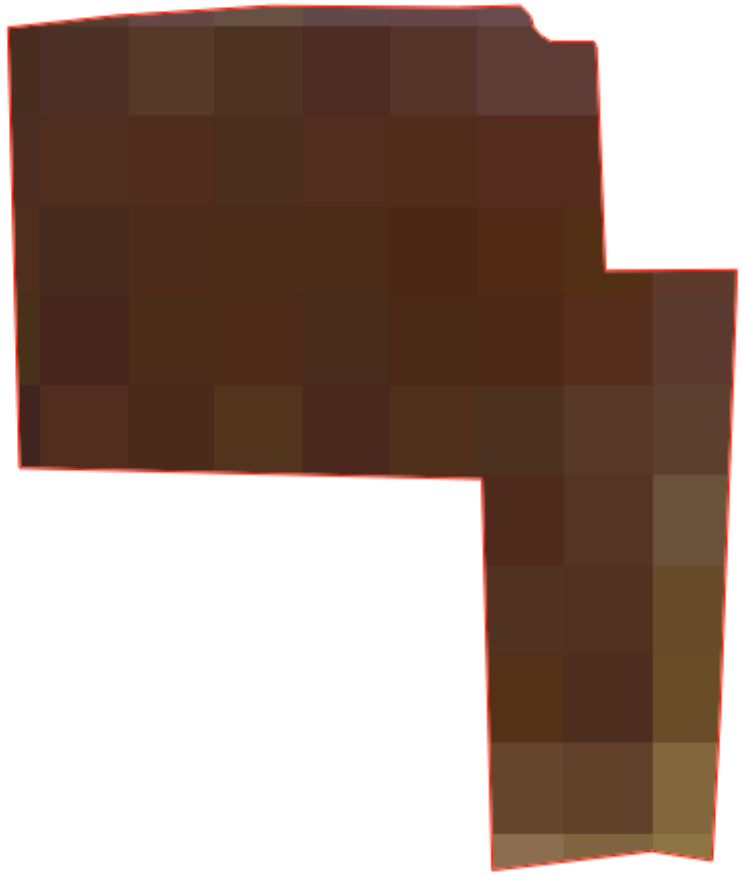
Automated Processing



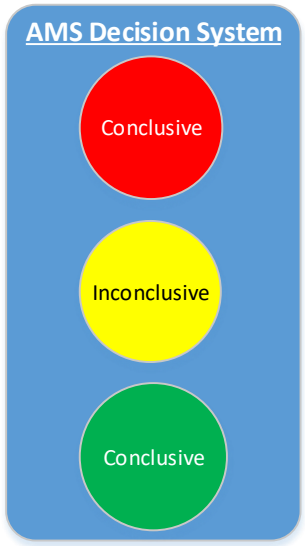


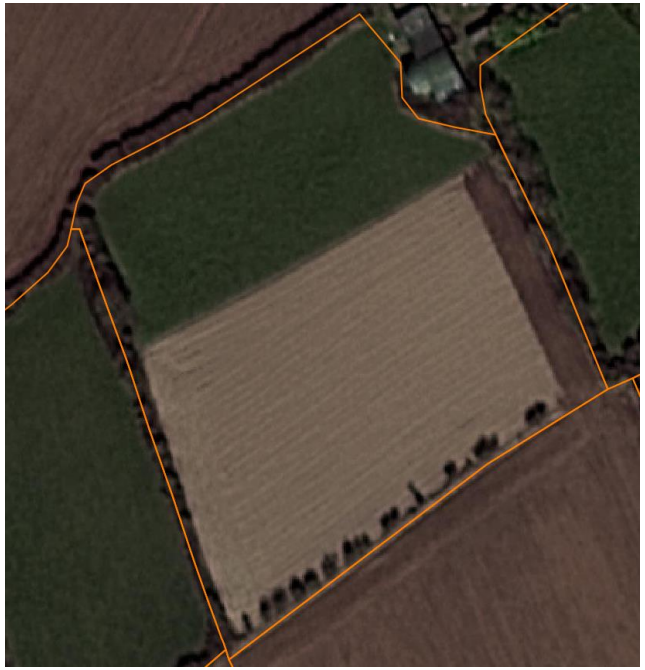
Alert/
Request to
Applicant

Artificial Feature Check

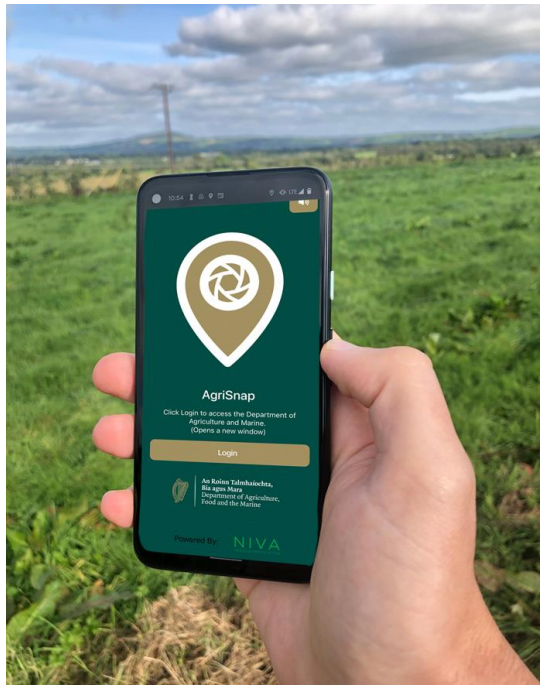


Red Parcel Examples





AgriSnap


AgriSnap
Click Login to access the Department of Agriculture and Marine. (Opens a new window)
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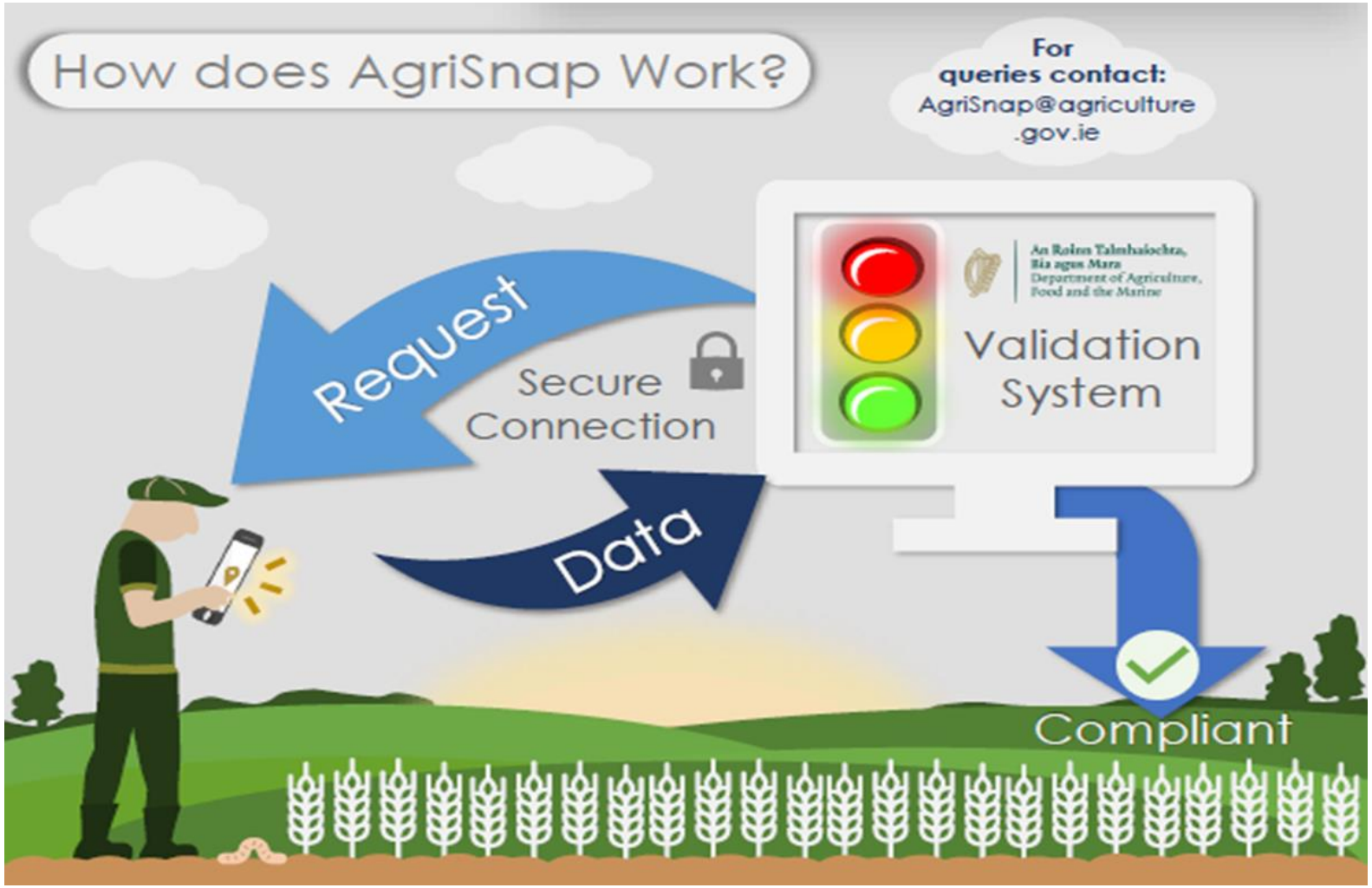
How does AgriSnap Work?
For queries contact:
AgriSnap@agriculture.gov.ie
Request
Secure Connection
Data
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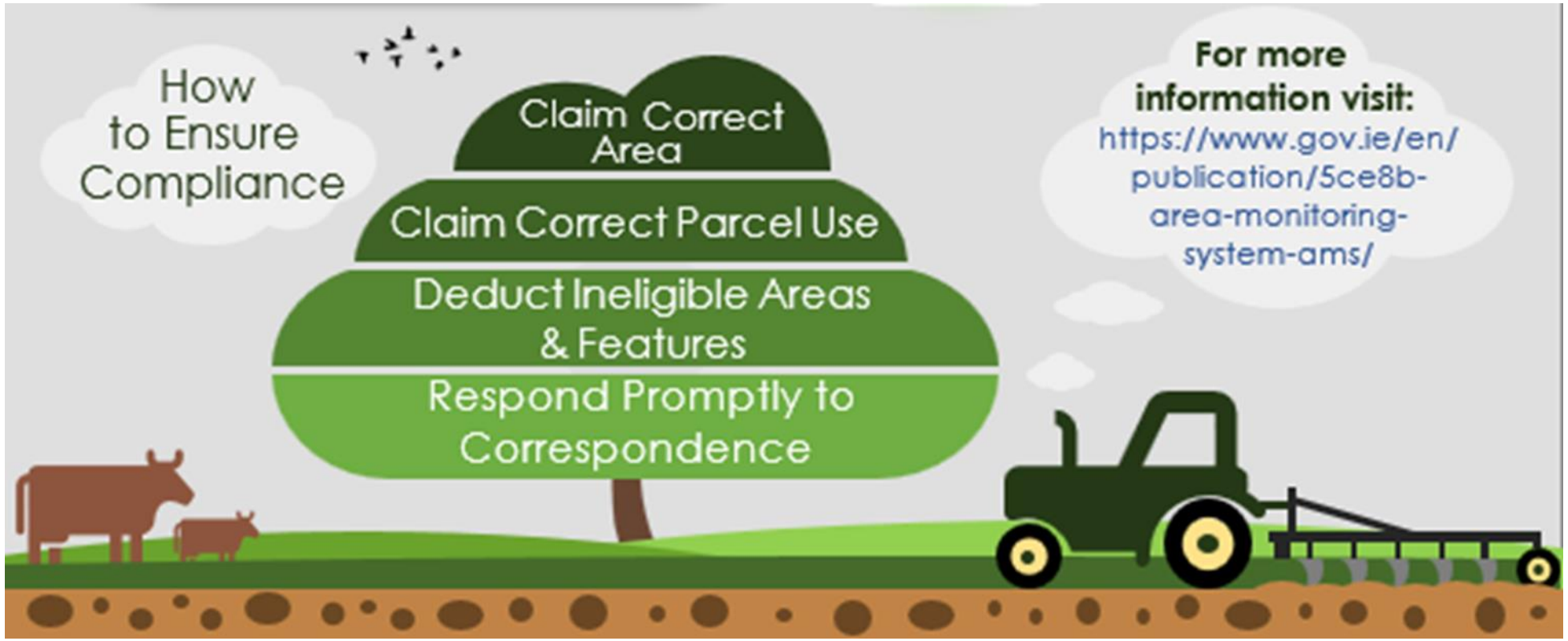
Department of Agriculture, Food and the Marine
Validation System
Compliant

AMS Summary


How to Ensure Compliance
Claim Correct Area
Claim Correct Parcel Use
Deduct Ineligible Areas & Features
Respond Promptly to Correspondence
For more information visit:
https://www.gov.ie/en/publication/5ce8b-area-monitoring-system-ams/