Geese Control at Amsterdam Airport Schiphol
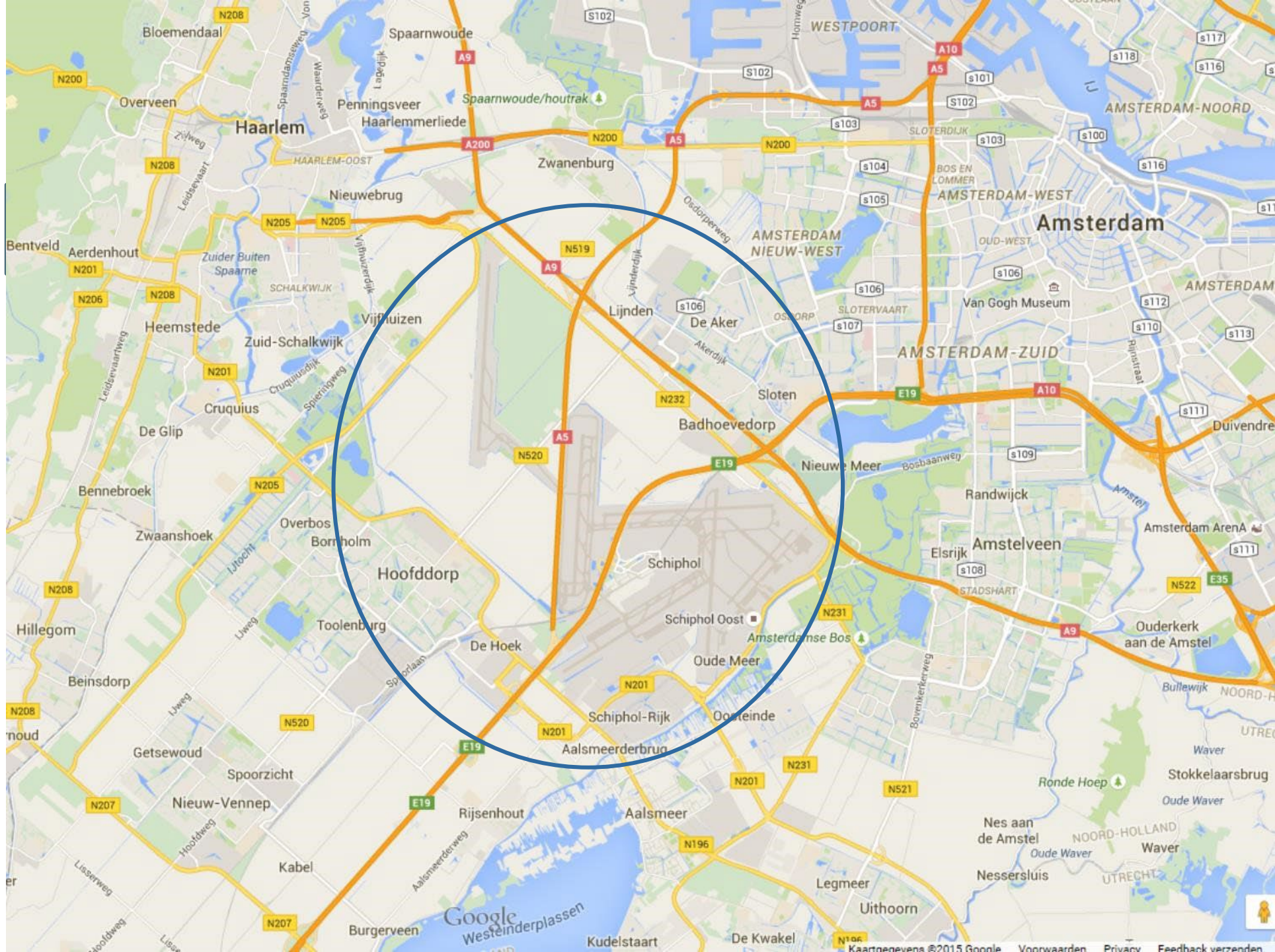
Yvonne Versteeg

Rosanne Blijleven

ABOUT US

Yvonne Versteeg

Service Owner Aircraft Flora & Fauna

Airside Operations

Rosanne Blijleven

Compliance Specialist EASA
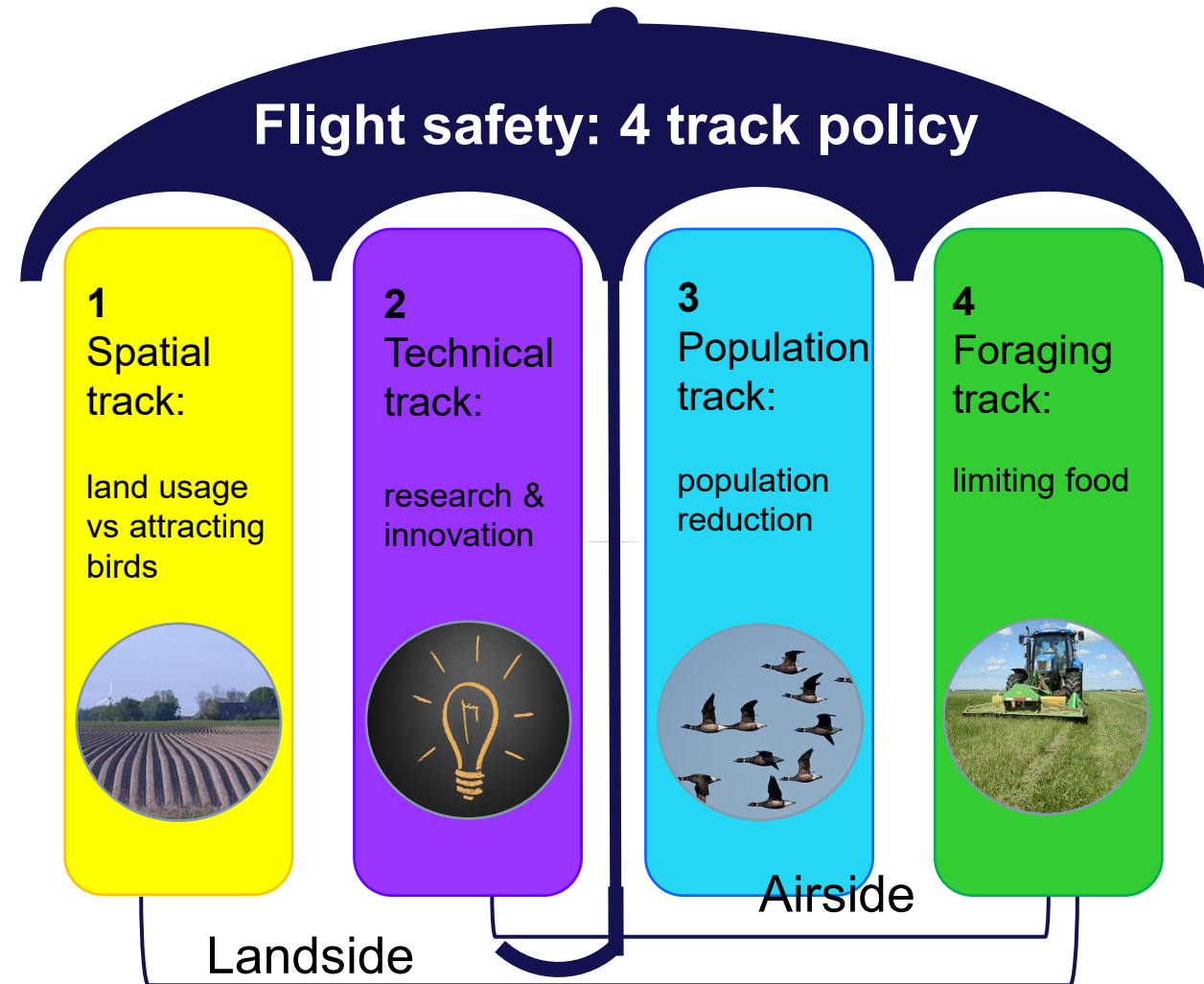
Asset Management

PROBLEM

GEESE MANAGEMENT COVENANT

Flight safety: 4 track policy

1 Spatial track:

land usage vs attracting birds

2 Technical track:

research & innovation

3 Population track:

population reduction

4 Foraging track:

limiting food

Landside

Airside

GEESE BIRD STRIKES: 2005 – 2021

birdstrikes met ganzen

BIRD STRIKES OUTSIDE AAS

- KLM only
- Airspace landside
- Period: 2017/2020
- 110 bird strikes

Roadmap fauna (geese) safety measures AAS

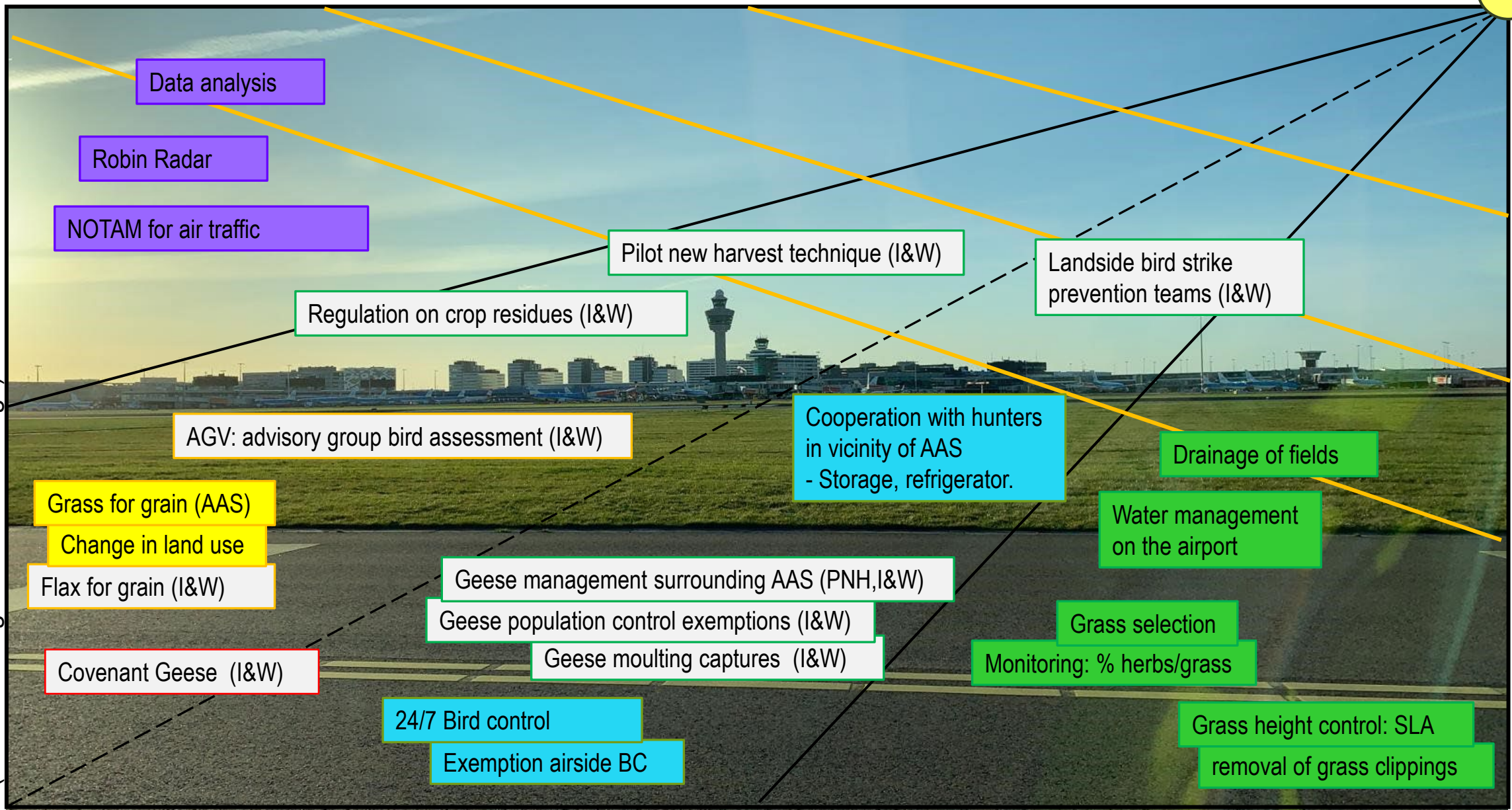bird strike risk is ALARP

Innovation track

Spatial track (habitat management surroundings)

Population track

Foraging track (habitat management airport)

LT > 3 yrs

MT < 3 yrs

ST < 1 yr

Today

- Data analysis
- Robin Radar
- NOTAM for air traffic
- Pilot new harvest technique (I&W)
- Regulation on crop residues (I&W)
- Landside bird strike prevention teams (I&W)
- AGV: advisory group bird assessment (I&W)
- Cooperation with hunters in vicinity of AAS - Storage, refrigerator.
- Drainage of fields
- Grass for grain (AAS)
- Change in land use
- Water management on the airport
- Flax for grain (I&W)
- Geese management surrounding AAS (PNH,I&W)
- Geese population control exemptions (I&W)
- Grass selection
- Geese moulting captures (I&W)
- Monitoring: % herbs/grass
- Covenant Geese (I&W)
- 24/7 Bird control
- Grass height control: SLA
- Exemption airside BC
- removal of grass clippings

GRASS FOR GRAIN

- Airside
    - Removal of grass cuttings

- Landside
    - Grain replaced by grass
    - Rotation crop (beet, onion, potato)

- Guaranteed take-off grass harvest

- Sustainable processing of grass fibers

- Grass panels returned at Schiphol

- Grass panels recycled by processor

CIRCULAR ORNAMENTS

PRODUCTS

- Chipboard
- Fiberboard
- Particleboard

Building materials, furniture, paper, gifts etc.

SCHIPHOL GRASS

MADE out of

Schiphol is reflected not only in the shape of the ornaments but also in the material. This is because the sustainable material is made from re-used grass from the Schiphol site. This contributes to the unique story you now hold in your hands.

STAKEHOLDERS

- Schiphol:

  - Airside Operations
  - Real Estate
  - Asset Management

- Surrounding:

  - Neighbors/ leaseholders (farmers)
  - The Netherlands Agricultural and Horticultural Association
  - Ministry of Infrastructure and Water Management

- Supportive:

  - Supervisor
  - Steward of grounds
  - Processor of fibers

TIMELINE

2019-2022	First and unique release of contracts
2022-2026	Update, continuation & extension of contracts
...	Evaluation, continuation, extension amount of hectares

Schiphol
Group

THANK YOU

On behalf of Royal
Schiphol Group,

Yvonne Versteeg
&
Rosanne Blijleven