Biosecurity and Communications

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GB Non-native Species Secretariat
Non-native species in GB

>2000 NN species (+10-12 a year)

- 1800 terrestrial (90%)
- 80 marine
- 60 freshwater

Non-native species in GB
Non-native species in GB

- 10-15% of NN species are invasive
  - 40% freshwater
  - 13% terrestrial
  - 27% marine
Rate of new introductions increased from 1/100 years to 1/couple of years

15+ more in Netherlands

5 species since 2004
Key pathways of introduction
2009 Public Awareness Survey

- Baseline data on public attitudes / awareness

- Awareness and behaviour of key groups
  - Anglers
Biosecurity: cleaning equipment

Never
- Air dry nets: 5
- Clean gear: 2

Occasionally
- Air dry nets: 3
- Clean gear: 33

After some trips
- Air dry nets: 5
- Clean gear: 22

After every trip
- Air dry nets: 87
- Clean gear: 44
Check Clean Dry

- Launched March 2011
- Based on similar campaign in NZ
- Guidance for anglers, boaters, canoe / kayakers

STOP THE SPREAD

Are you unknowingly spreading invasive species on your water sports equipment and clothing?

Invasive species can affect fish and other wildlife, restrict navigation, clog up propellers and be costly to manage. You can help protect the water sports you love by following three simple steps when you leave the water.

**CHECK**

Check your equipment and clothing for live organisms - particular in areas that are damp or hard to inspect.

**CLEAN**

Clean and wash all equipment, footwear and clothes thoroughly. Use hot water where possible. If you do come across any organisms, leave them at the water body where you found them.

**DRY**

Dry all equipment and clothing - some species can live for many days in moist conditions. Make sure you don’t transfer water elsewhere.

For more information go to www.nonnativespecies.org/checkcleandry
Check Clean Dry

- 60+ NGO and trade partners

- Materials
  - 60,000+ leaflets
  - 5000 posters
  - 27,000 stickers

- Events & installations
Biosecurity signs

2,800 across GB
Border biosecurity

- Anglers / boaters traveling abroad
- High risk groups likely travel by ferry / Eurotunnel
Border biosecurity: pilot 2016

Four weeks

 Been fishing abroad?
Diseases and invasive species kill fish. Don’t bring them here.

Before you fish at home:
- **CHECK** Check your equipment, clothing and footwear.
- **CLEAN** Clean everything thoroughly, use hot water where possible.
- **DRY** Dry everything as some species can live for over 2 weeks in damp conditions.

Before you fish in Scotland:
- **CHECK** Check your equipment, clothing and footwear.
- **CLEAN** Clean everything, use hot water.
- **DRY** Dry everything species can live in damp for 4 weeks.
Water company funding
Border biosecurity: 2017

Ten weeks
2018 Public Awareness Survey

- Update on previous survey
- Awareness and behaviour of key groups
  - Anglers
  - Boaters
- Focus groups to test materials
2018 Public Awareness Survey

Anglers

• 61% wash equipment every time (increase from 44% in 2008)

• 87% aware of “INNS” (78% in 2008)

• Significantly higher than general public (67%)
2018 Public Awareness Survey

Boaters

• 49% wash boat and equipment every time

• 83% aware of “INNS”

• Significantly higher than general public (67%)
2018 Public Awareness Survey

Trips abroad

• ¼ of anglers and boaters have been fishing / boating abroad in last two years

• anglers most likely to go once a year

• boaters more likely to go more often
• Most popular destination is France
• Ardennes popular for UK canoeists / kayakers
2018 Public Awareness Survey

Transport

- Anglers equally likely to travel by car ferry, Eurotunnel and plane.
- Boaters carrying own craft most likely to travel by ferry
Campaign update 2018

- Focus groups with recreational water users
- Feedback from key partners
- Bespoke materials
Border biosecurity: 2018

Six months
Border biosecurity: 2018

Fishing abroad?
Diseases and invasive species kill fish. Don’t bring them back.

Protect the environment and the sport you love:

- Check your equipment, clothing and footwear when you leave the water. Remove any mud or plant material and put it in the bin.
- Clean everything thoroughly as soon as you can. Use hot water if possible.
- Dry everything for as long as you can before taking it at home as some species can live for over two weeks in damp conditions.

CroatiA
Put together the pieces for the perfect summer holiday
Port survey

- Hull, Dover and Folkestone visited on 12 days (July and August 2018)

- 0.6% (137 of 23,255) vehicles disembarking were carrying boats

Canoes / kayaks 0.25% of vehicles
Surfboards 0.18%
Motorboats / zodiacs 0.14%
Sailing boats / dinghies 0.14%
Port survey

- 20% of cars carrying boats were non-UK