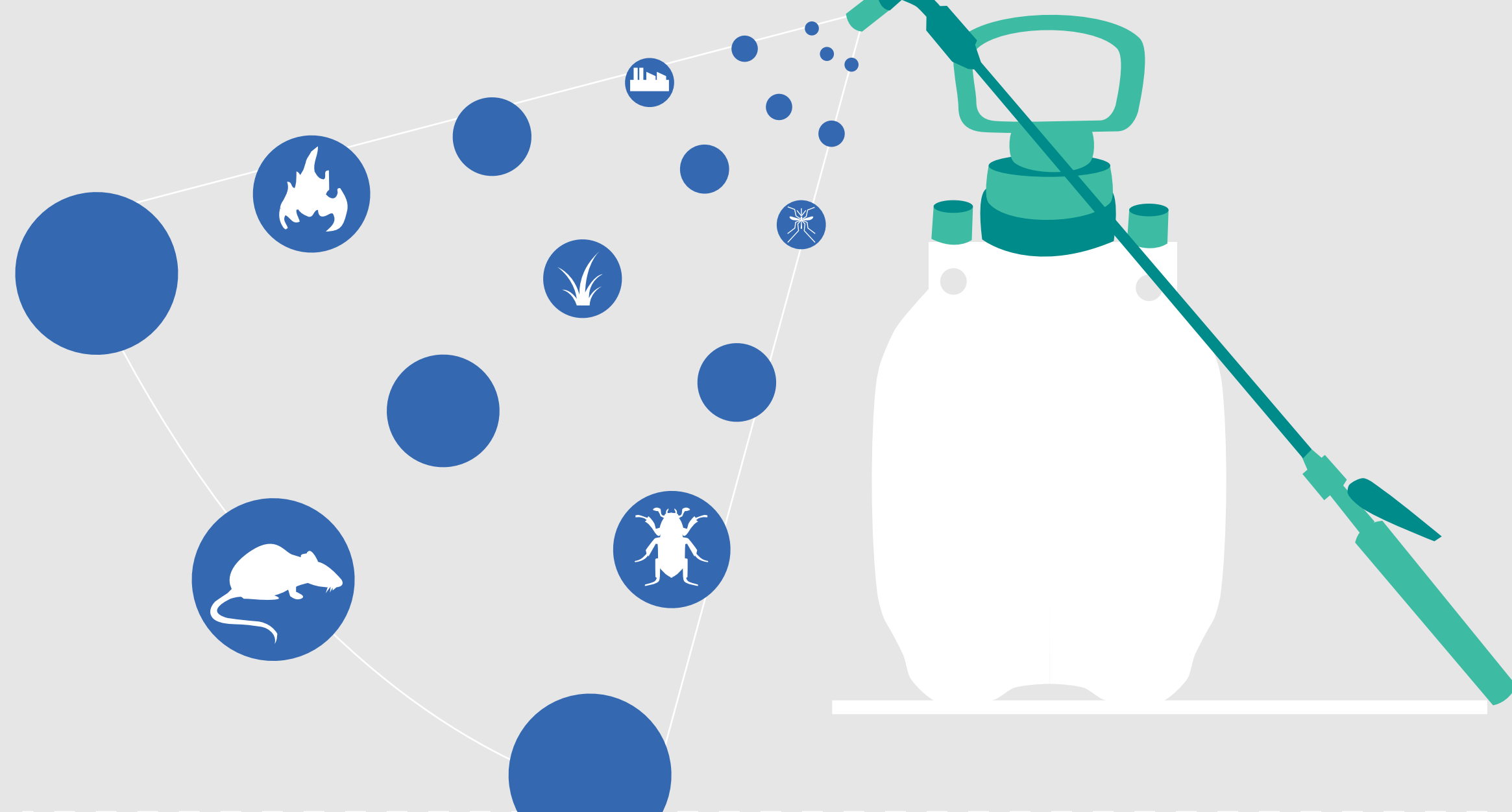


What is Pesticide Regulation?

The 'Dirty Dozen' Pesticides

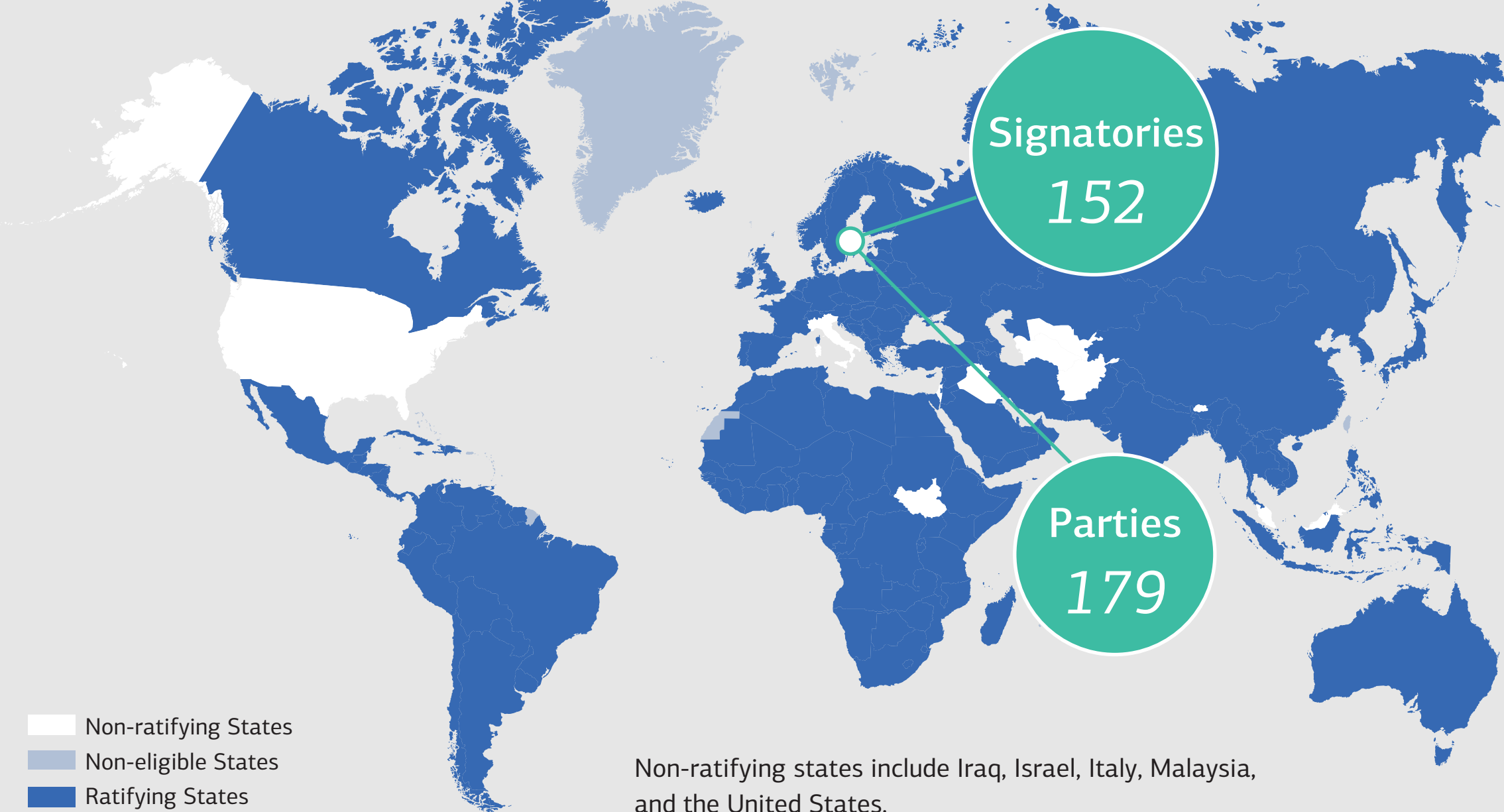
Also known as Persistent Organic Pollutants or POPs, the so-called 'Dirty Dozen' are 12 highly toxic chemicals. They are used in agriculture, industry, and some household products such as pesticides, solvents, and even pharmaceuticals.

Pesticide Regulation is a measure of whether countries allow, restrict, or ban the 'Dirty Dozen' Persistent Organic Pollutants (POPs) under the Stockholm Convention.



The Stockholm Convention

The Stockholm Convention is an international treaty to protect human health and the environment from these toxic chemicals. Regulation of POPs can occur within or outside the framework of the Stockholm Convention.

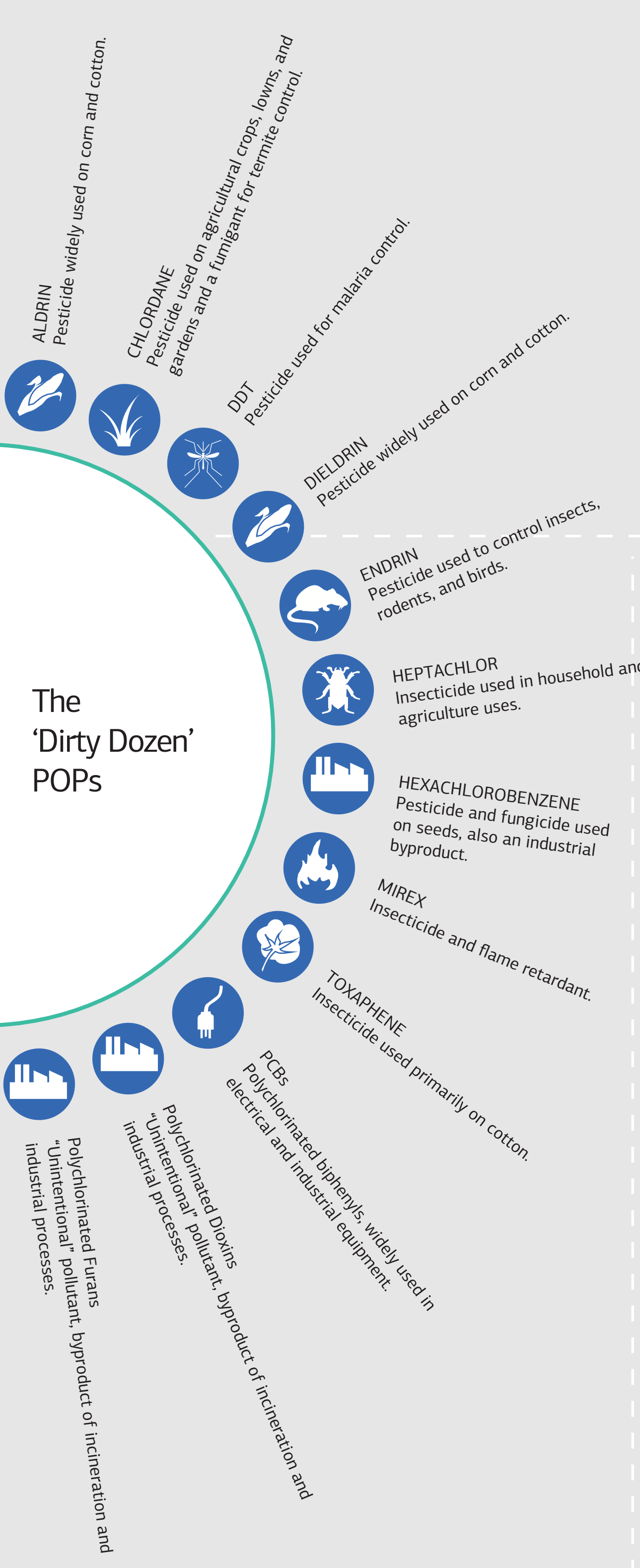


How do we know?

The Scorecard

Countries are awarded points depending on whether they have signed and/or ratified the Stockholm Convention, as well as whether or not they allow, restrict, or ban the 'dirty dozen' POPs regulated.

25 Maximum Points Awarded

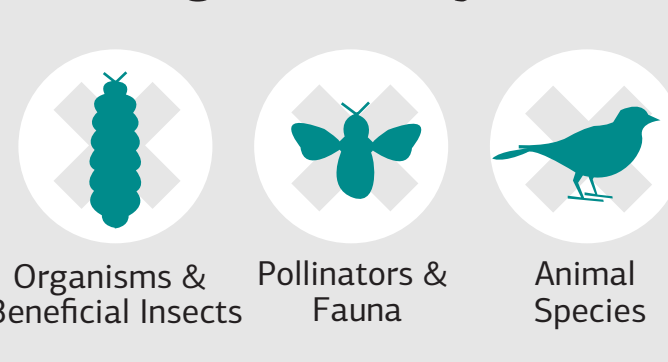


Why does it matter?

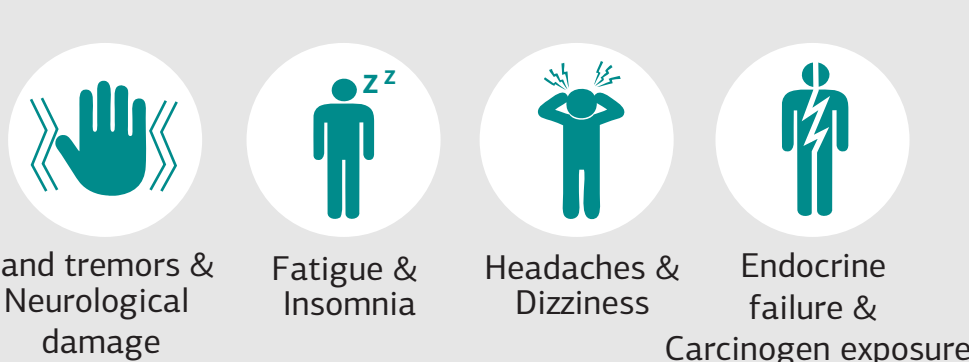
Ecosystem & Human Health

These toxic chemicals impact both ecosystem and human health. In the environment they kill beneficial insects, pollinators, and fauna. For humans, exposure to these pesticides has been linked to severe headaches, fatigue, insomnia, dizziness, hand tremors, and other neurological symptoms. Furthermore, many of the pesticides included in this index are endocrine disruptors and carcinogens.

Damage to Ecosystem



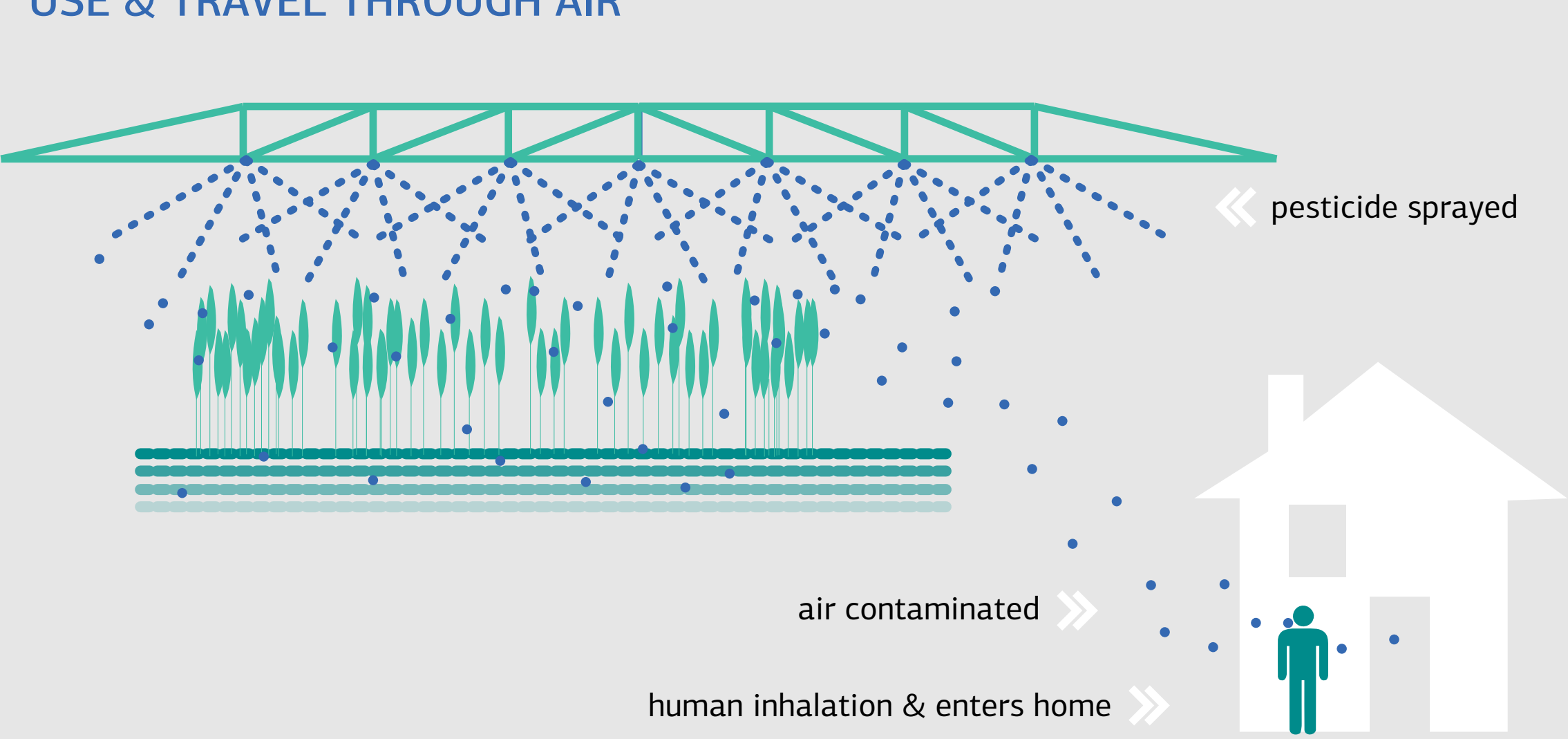
Damage to Human Health



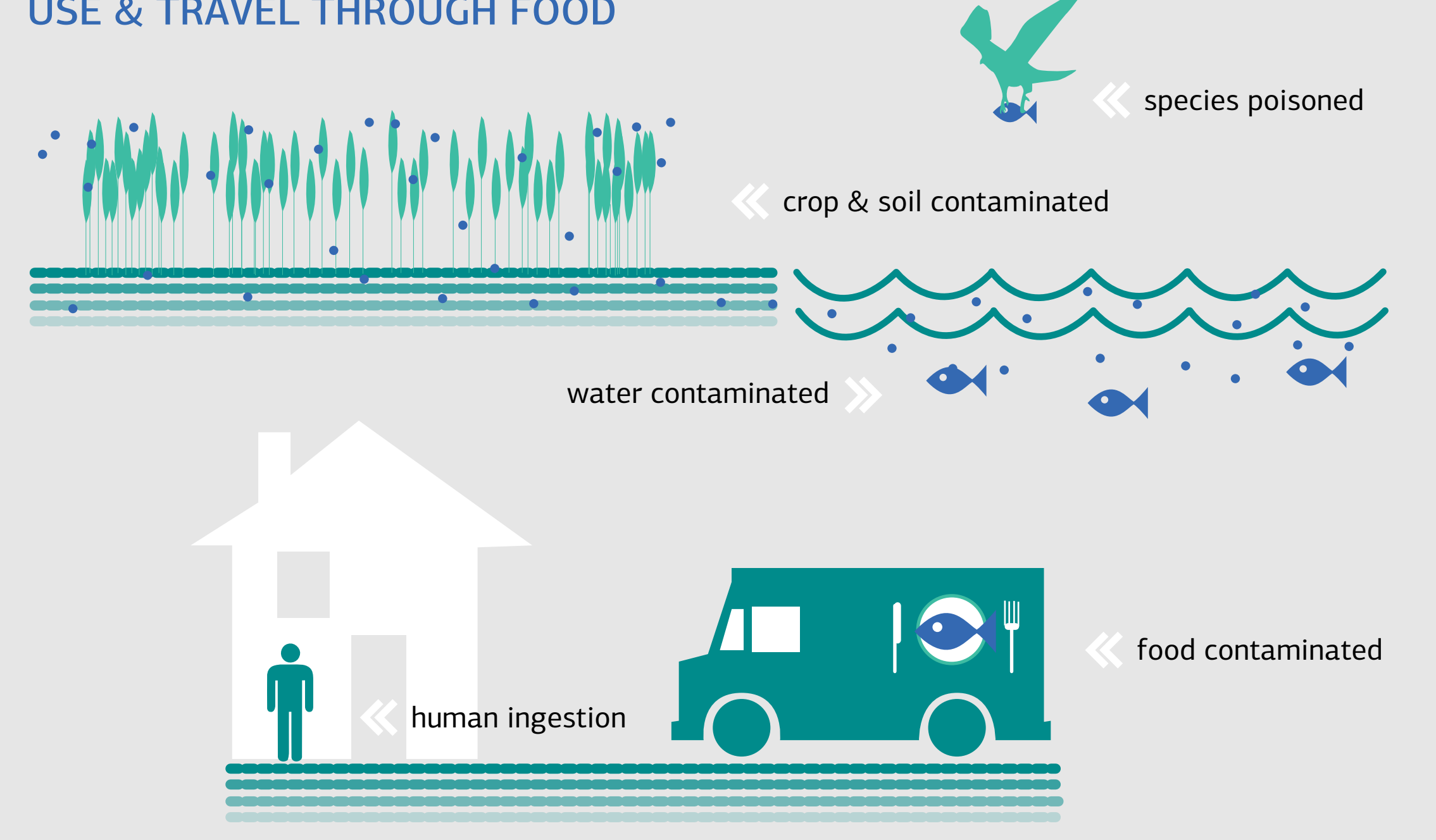
Bioaccumulation

POPs accumulate in the environment and remain intact for long periods of time. Therefore, they are capable of long-range transport and more harmful effect.

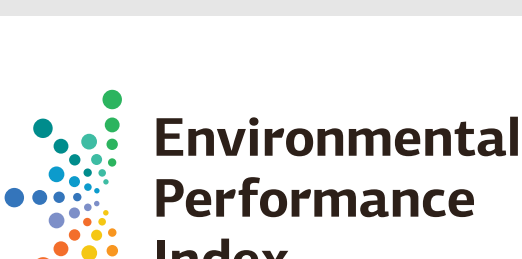
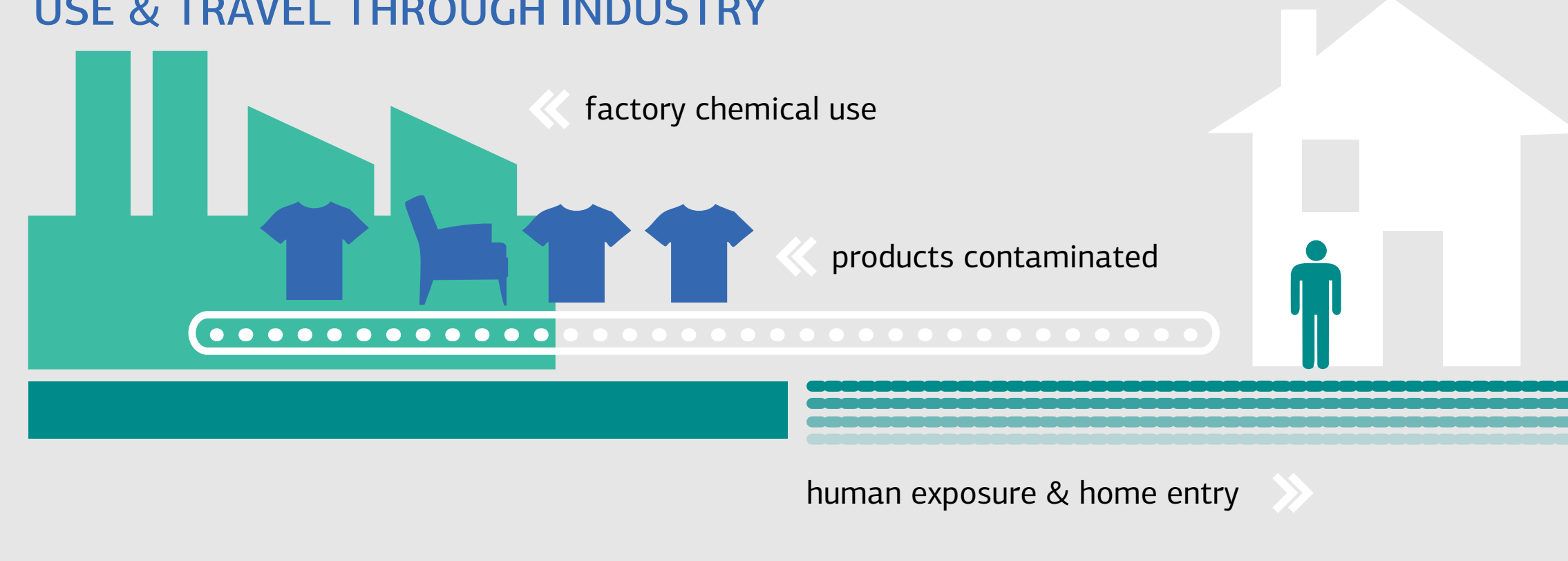
USE & TRAVEL THROUGH AIR



USE & TRAVEL THROUGH FOOD



USE & TRAVEL THROUGH INDUSTRY



References

- Stockholm Convention, <http://www.chm.pops.int>
- "Persistent Organic Pollutants: A Global Issue, A Global Response", United States Environmental Protection Agency, <http://www.epa.gov/oia/toxics/pop.html>
- "Persistent Organic Pollutants", The World Bank, <http://web.worldbank.org>
- "Persistent Organic Pollutants", United Nations Environment Programme: Chemicals, <http://www.chem.unep.ch/pops/>
- "The 'Dirty Dozen' POPs", US POPs Watch, <http://www.uspopswatch.org/global/dirty-dozen.htm>