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Protecting humans and wildlife
from harmful chemicals

Endocrine disruptors: a challenge for risk communication or a challenge for regulatory action?

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14th June 2018

Helsinki Chemicals Forum 2018

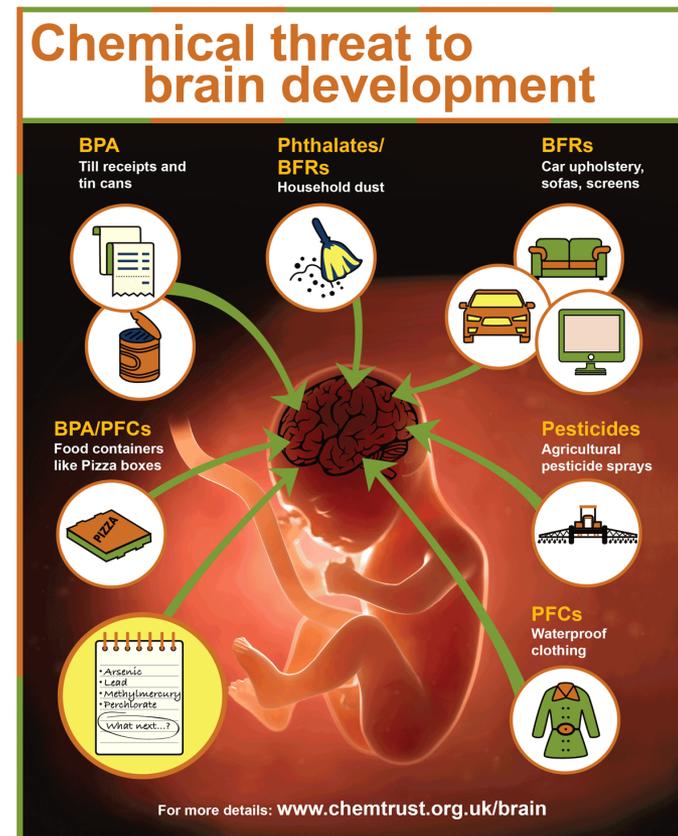


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Just starting to explore some effects

“No Brainer” report; 4 groups of DNT chemicals:

- **Well-established DNT**
 - E.g. Lead, PCBs
- **Suspected DNT**
 - E.g. BPA, Phthalates, PDBEs
- **Initial evidence of DNT**
 - PFCs, other Brominated Flame Retardants, other bisphenols
- **A large no. of chemicals where we don't know**
 - Currently Estimated Toxicity = 0
- <http://www.chemtrust.org/brain>

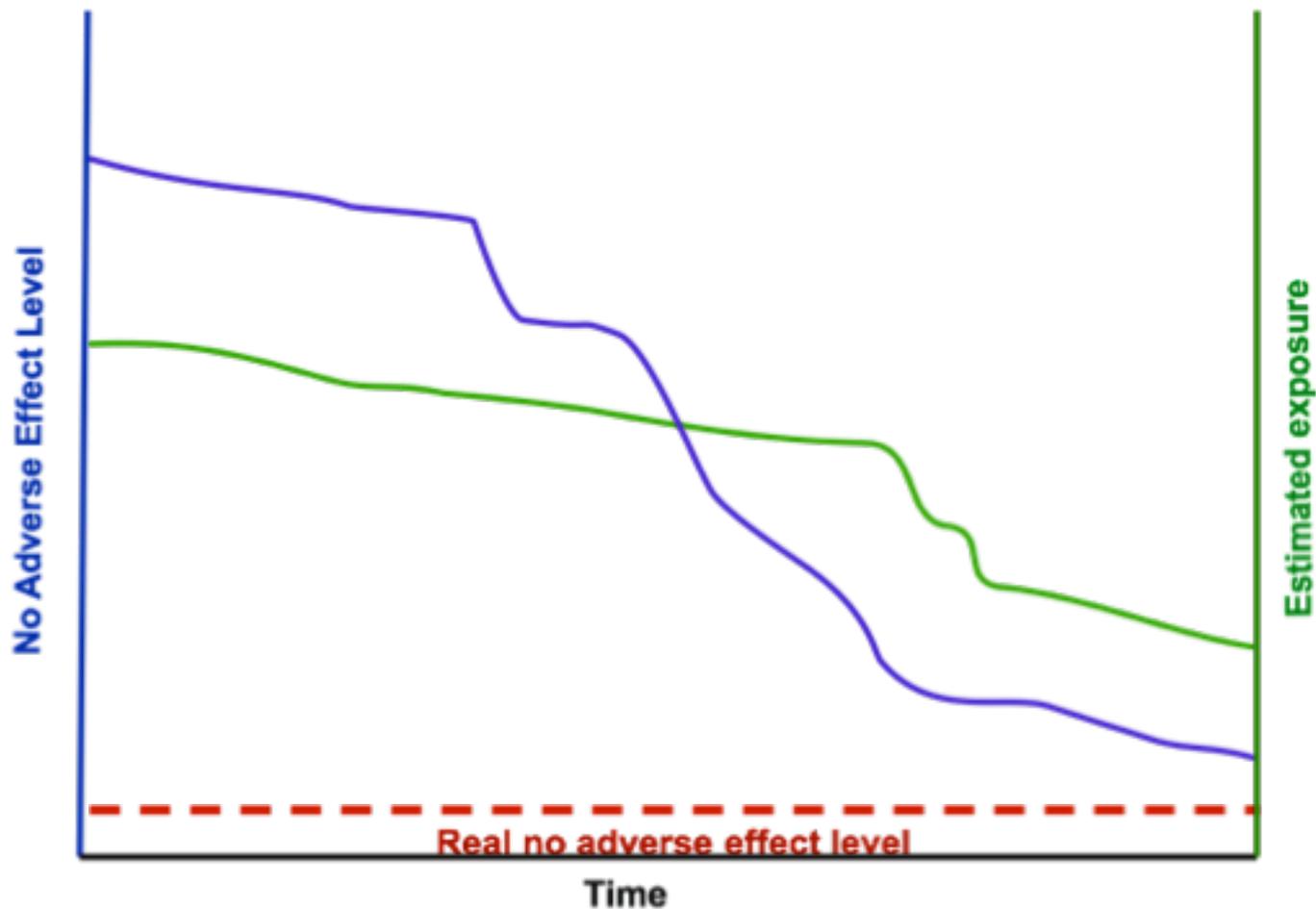




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Things change: it's *estimated* toxicity





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Moving from one problem to another

- BPA known EDC since 1930s, restricted for some uses
 - BPS increasingly used in thermal paper as substitute
 - Most notifiers communicate BPS as having **no hazards**
 - RAC said it “*is suspected to have many of the same adverse health effects as BPA*”
 - ECHA investigating, EFSA waiting for ECHA
 - “Toxic Soup” report examines regrettable substitution of one bisphenol by another
 - Group Restrictions needed!
- www.chemtrust.org/toxicsoup

THE STORY BEHIND BISPHENOLS

Once upon a time... Then it was discovered... People started to...

So... NOWAY! RESCUED AT LAST!

BPS, BPZ, BPF, BPB, BPAF, BHPF, BP?

Just because a product says it is BPA-free, does not mean there are no health impacts. Companies are replacing BPA with chemicals that are just as worrying. From BPA to BPZ. It's a **TOXIC ALPHABET SOUP**

For more details: www.chemtrust.org/toxicsoup



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New EDC strategy, opportunity to...

1. **Protect public health and reduce exposures to EDCs**
2. **Increase citizen`s awareness**
3. **Improve laws: Close gaps for cosmetics, food packaging, consumer products, toys**
4. **Tackle combination effects and move to mixture assessment**
5. **Speed up testing and screening of EDCs**
6. **Work towards a non-toxic circular economy**
7. **Promote safer substitutes**
8. **Monitor health and environmental effects**

See 8 Points for a new EU EDC Strategy from EDC-Free Europe coalition:

- <http://www.chemtrust.org/8demands>



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Audiences and messages

- **Public confidence in chemical safety is too high**
 - People don't realise how little regulators know about the safety of many chemicals
 - They don't realise that there's very little knowledge & action on effects such as impacts on neurodevelopment & immune systems
- **Politicians and regulators need a sense of urgency to improve EDC policies**
- **Companies need to be moving to safer alternatives, not fighting yesterday's battles**
 - E.g. confusing endocrine effect (sugar) vs endocrine disruption (BPA etc)
- **CHEM Trust and the EDC Free NGO network will continue working to properly protect people's health and the environment from EDCs, based on science and precaution.**