

# ” The role of retailers in achieving food contact compliance and additional requirements

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# AGENDA

- Introduction to Coop
- Early focus on bisphenols and PFAS
- Working for compliance for more than 5000 products in private label
- Coop behind the scenes – how do we achieve knowledge, work with suppliers and substitution
- Examples on how Coop communicate and involve consumers

# About Coop Danmark A/S

Coop is Denmark's largest retail enterprise and is owned by its 1.7 million members.

Coop Danmark operates the chains Kvickly, SuperBrugsen, Dagli' Brugsen, LokalBrugsen, Irma, fakta, fakta Q, Coop.dk and Irma.dk.

The organisation has approximately 40.000 employees

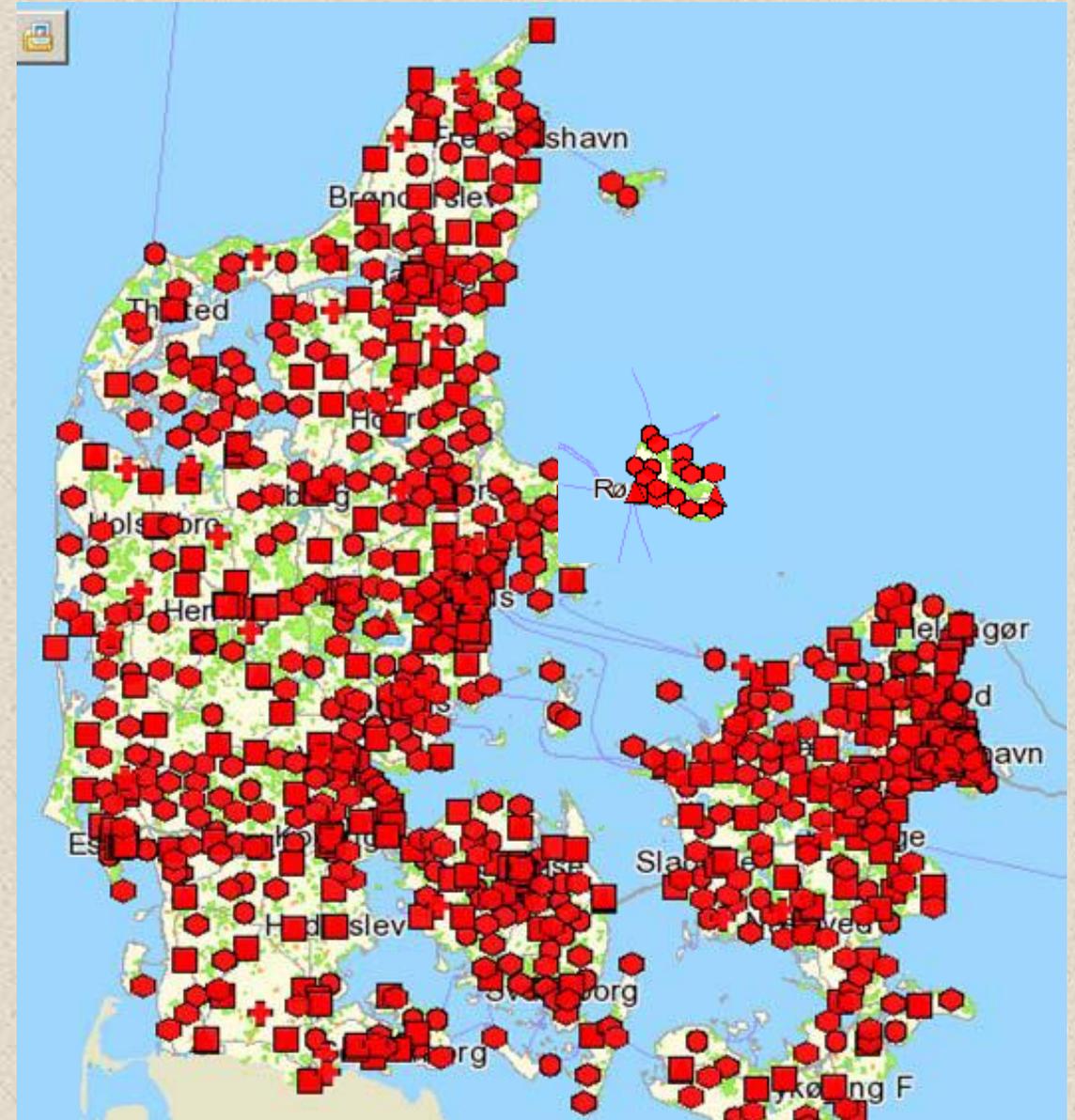
Coop works very seriously with responsibility, CSR and social compliance, and cooperate with our suppliers to meet our requirements.

We have around 5000 products in private labels



# Full national coverage

- Coop hypermarkets, supermarkets and discount stores cover the entire country.
- 1100 shops



# 153 years with social responsibility



**1897**

Production of own products begin



**1976**

Madpyramiden introduceres



**2006**

200.000 school kids learn to cook



**2016**

Coops animal welfare brand New pesticide strategy



**2019**



**1929**

FDB's Central Laboratory opens



**1981**

Organic food on our shelves



**2015**

Launch "The Dirty Dussin"



**2018**

New packaging strategy



# Honest products to honest prices

Coop has a long tradition of being a first mover. Coop bans particularly problematic substances that threaten health and the environment before the authorities.

## Reasons:

- If legislation is too slow or inadequate. -Hazardous chemicals need faster regulation and restriction
- When deep concern for health and/or the environment
- To create the greatest possible safety for our customers
- High consumer demands in Denmark
- Maintaining a high consumer loyalty
- Protecting the Coop brand

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# Use of precautionary principle - examples:

1975: MINI RISK: Probably first hypoallergenic brand in the world.

1991: Ban of PVC in all packaging.

1991: Ban of chlorine bleaching of textiles and paper

1994: Ban optical brighteners and EDTA / NTA in laundry detergents

1995: Ban all allergenic preservatives and fragrances.

1997: Irma chain stop the sale of the detergent bleach

2003: Ban of PVC and known phthalates in selected product groups.

2004: First mover: ban all substances in cosmetics and toys that are suspected of being endocrine disruptors.

2005 Ban of the antibacterial agent triclosan, which is used in e.g. toothpaste, deodorants and hand soaps.

2005: Ban of all fragrances in candles, and requirements for soothing test of all burning light.

2008: Ban of all Candidate List Substances from the EU list of specific harmful substances. It is today at 169 environmental hazardous substances.

2009: Ban all harmful phthalates (plasticizers). The list is currently at 18 phthalates.

**2010: Ban BPA in baby feeding bottles**

2010: No biocides in consumer products

2014: Ban of the allergenic preservative Methylisothiazolone (MI) in branded goods and fragrance allergens

2014: Irma to stop selling fabric softeners

**2015: Coop stops sales of microwave popcorn due harmful PFAS in packaging.**

**2015: Coop introduces the world's first PFAS free microwave popcorn.**

**2015: Ban BPA in thermal paper**

**2016: Ban BPA: Änglamark cans are free of the endocrine disruptor Bisphenol A.**

2016: All detergents in Coop's own brands are Swan labeled, also discount products.

2016-2017: Ban fluoride in textile, no endocrine disrupting UV filters and MI in branded goods

2019: Ban all PFAS in all cosmetics, including sellers brands

2019: requirements for labelling of toys for chemical ingredients

# Early focus on bisphenols and PFAS

# 2015: Ban all Bisphenols in Coop private labels

All baby bottles in private label BPA free

No cashier paper containing Bisphenols.

Coop brands "Änglamark" cans free from all BPA and other Bisphenols.

All cans and glasses BPA-free (more than 115 products).  
- Tetra Pack is the safe solutions (but not easy to sell)

March 2010

January 2015

June 2016

December 2018



# Bisphenols from 2002 to 2018.....



## Tolerable Daily Intake

**EFSA 2002:** 10 µg / kg bw / dag

Based on adverse effects on kidneys + uncertainty factor (rats)

**EFSA 2007:** 50 µg / kg bw / dag

Based on adverse effects on kidneys

**EFSA 2015:** 4 µg / kg bw / dag

Based on adverse effects on kidneys + uncertainty factor for effects on mammary glands, reproduction, neurotox, immunotox and metabolic effects (rats)

**DTU 2015:** 0,7 µg / kg bw / dag

Based on the same studies as EFSA but assessed differently

**2016:** New data confirm EFSA's previous conclusion that bisphenol A (BPA) might affect the immune system in animals.

**September 2018:** a specific migration limit (SML) of 0.05 mg/kg food for BPA migrating from varnishes or coatings applies to materials or articles intended for food contact. Current levels allow 0.6 mg of BPA per kg of food (mg/kg). It prohibits use of the chemical to manufacture infant "sippy" cups as well as migration of BPA from coated materials containing food intended for infants and children 0-3 years old.



Grundet fornyet mistanke om skadelige stoffer i mikro popkorn, har vi valgt helt at fjerne dem fra hylderne

Hellere være for forsigtig end bagklog. Den logik ligger bag beslutningen om at fjerne mikrobølgepopkorn fra alle vores butikker. Emballagen indeholder nemlig fluorstoffer, der er mistænkt for at være hormonforstyrrende og kræftfremkaldende. Derfor tager vi nu konsekvensen og fjerner mikrobølgepopkorn fra hylderne. Det betyder nu ikke, at du skal undvære en hyggelig skål popkorn. I Coop har vi nemlig indkøbt ekstra mange af de færdigpoppede i stedet. Lun dem i ca. 1 min i mikroovnen og de smager som havde du poppet dem selv.



# PFAS

## 2014: Helsingør Statement:

- Affect growth, learning, and behavior of infants and older children
- Lower a woman's chance of getting pregnant
- Interfere with the body's natural hormones
- Increase cholesterol levels
- Affect the immune system
- Increase the risk of cancer
- Low birth weight, endocrine disruption effects, diabetes

# September 2014: Coop bans the use of PFAS in all private label products (FCM).

- Leading experts in the world stated that the TDI level was 100-1000 times too high (in 2014)
- Discussion with experts
- Children particularly vulnerable
- The concern was serious and the scientific proofs more than enough
- We realized urgent action was needed
- Ban was adopted overnight !!



The final product to phase out was microwave Popcorn which concluded the whole process in May 2015 – sales stop:



The ban also covers:

- Food packaging (2015)
- Packaging for fast food and fresh bread (2015)
- Textiles and footwear (2016)
- Home textiles (2016)
- Cosmetics (2019)



# Business case was fortunately acceptable

When adopting the ban, we did not know the commercial impact. But concern was serious, quite easy to convince the commercial part to follow the ban:

- Paper – mechanical treatment – no other chemicals – Nordic Swan
- Textile: Bionic Finish (not more expensive)
- Cosmetics – full ban, but very expensive. Brand owner not willing to cooperate
- Furniture and home textile – no coating
- Test analysis was developed over time. Now we test for total PFAS



A photograph of a woman with long brown hair tied back and a young boy with short dark hair, both smiling and looking at items in a shopping cart in a grocery store. The woman is wearing a dark brown jacket and a patterned scarf. The boy is wearing a dark green quilted jacket over a grey hoodie. They are in a well-lit aisle with wooden crates of produce and other goods in the background. The text "Working for compliance for more than 5000 products in private label" is overlaid in white on the left side of the image.

**Working for compliance for more  
than 5000 products in private label**

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# Coop and Food Contact materials

- We import products directly from Asia
- Primarily we buy food contact materials in Denmark (a small part in the EU)
- We use a lot of food contact materials when we produce food in our supermarkets
- Compliance with legislation is a basic requirement



# Inspections from food authorities and public report

**Inspection Summary**

Establishment:  Period:  No. of inspections:

Inspected	1	2	3	4
Hygiene: Handling of food				
Cleaning				
Maintenance				
Own-check system				
Publication of Inspection Report				
Hygiene education				
Labelling and information				
Approvals etc.				
Special labelling and ID requirem.				
Food standards				
Additives etc.				
Chemical contaminants				
Packaging etc.				
Other				

Inspection Summary issued by

- All manufacturers, importers, retailers must register to the Danish Veterinary and Food administration
- All parts of the supplier chain in Denmark will have an inspection from authorities approximately 1 time a year
- Legal requirement for a quality and compliance system
- Sanctions will be issued
- Easier for us to control the supply chain

# Product quality requirements (PQR) – Why?

PQR has always been an important part of Coop sourcing policy



- To secure highest level for **safety**
- When legislation are not **covering the risk** or are too slow
- **Precautionary principle**
- Cocktail effects
- 5000 products in private label: **Frontrunner** – responsibility
- **Maintain role** as a first mover in the market.
- Consumers must have **100% trust** and possibility to make a **responsible choice** in our stores
- Cover ALL private label products (**including discount range**), and a few branded goods

# Product quality requirements - How

## Cooperation:

- Nordic procedure (Finland, Norway, Sweden and Denmark)
- Special update every second year
- Aim for highest possible nordic harmonization

The logo for COOP Trading, featuring the word "COOP" in a bold, blue, sans-serif font, followed by the word "Trading" in a smaller, blue, sans-serif font.

## Before a ban can be accepted:

- Strong arguments why higher requirements are needed.
- Clear clarifications for consequences (prices, limits number of suppliers, possible safe substitution, impact quality)
- Business case developed
- Prices still counts

# Technical Quality requirement (TQR)

- States specific Coop requirements in addition to a supportive list of general Danish/European legislation
- Requirements for packaging, labeling and documentation
- Suppliers must always secure that products delivered are in compliance with the TQR
- Developed in cooperation with laboratories and experts
- All bisphenols and PFAS banned
- No PVC and phthalates allowed
- Declaration of Conformity (DoC)

 Coop Danmark A/S	Food Contacting Articles Technical Quality Requirement	
	Document No.: TQR-0009	
	Revision: 6.0	Page 1 of 15

## Food Contacting Articles QA Technical Requirement

Revision	Description of Change	Date
1.0	Initial Release.	Jun 21, 2012
2.0	Update requirements for stainless steel (only test for 4 metals in specific migration) and new requirement pig hair	17. July, MTB
3.0	Update requirements for metals, requirements for Norway deleted requirements for sensorial tests has been added. Requirements for wood have are added.	31. Aug MTB
4.0	Added test for additives, monomer, PPA (polymer production aid) in plastic which have specific migration, requirements for tests for metals in plastic are not mandatory, see specifications., Thermoplastic rubbers (TPU and TPE) are regarded as plastic and must be tested in accordance to 10/2011 (plastic regulation), scope also BBQ tools. BAN of all PVC	07. Jan 2013, MTB
5.0	Update requirements for metals - apply the technical Guide from the Council of Europe. Update the requirements and reference for silicone and rubber. Group general requirements for plastic FCM to All Plastic section.	02. May 2014, MTB
6.0	Update requirements for sensorial test, non-stick coating (phenol free), PC (phenol free), ABS, Nylon, Melamine, EVA, Polyester, Paper (no fluorinated compounds), total Lead & Cadmium content.	20. Aug 2015, MTB

# Own import from Asia

- Reports including analysis, other documentation and Declaration of Conformity.
- Quality assurance through own office (including ethical supplier relationships) and 3rd party (lab) support in Hong Kong.
- Often require suppliers to be guided in accordance with DoC.
- Focus on selection of supplier



A photograph of a woman and a young girl in a grocery store. The woman, with long brown hair tied back, is wearing a dark brown jacket and a polka-dot scarf. She is smiling and looking down at a shopping cart. The girl, with short dark hair, is wearing a dark green quilted jacket and a grey hoodie. She is also smiling and looking at the cart. The cart contains several items, including what looks like a box of cereal and some produce. In the background, there are shelves of various goods, including what appears to be a display of tomatoes. The overall atmosphere is warm and positive.

**Coop behind the scenes – how do we achieve knowledge, work with suppliers and substitution**

# Coop behind the scenes – cooperation and networking

- Cooperation with experts, certified laboratories and universities
- Early warnings – concerns from scientist and NGO's
- Nordic PQR cooperation
- SIN-list and other official lists
- SVHCs
- Authorities' reports and other shared information
- Criteria for ecolabel and allergy labelling
- Upcoming entrepreneurs
- Networking: Conferences, memberships Chemsec Business group, seminars



A photograph of a woman and a young girl shopping together in a grocery store. They are both smiling and looking at items in a shopping cart. The woman has long brown hair and is wearing a dark brown jacket. The girl has short dark hair and is wearing a dark green quilted jacket over a grey hoodie. The background shows shelves of produce and other grocery items.

**Examples on how Coop  
communicate and involve  
consumers**

# Coop's chemical Strategy



## Coop: Indfør forbud mod kemikalier, før det er for sent



“Vi mener det er på tide at politikere indfører en række forbud i EU-systemet, som forbyr regulere stofferne, fungerer ganske enkelt af for Danmark.”

Åge Ø. Jensen, Næst Formand

14. november 2015

## COOP: Vi er i gang med at fjerne kemi fra dåsetomaterne

COOP sælger dåsetomater i store mængder, men indtil videre er kun mærket Anglamarck uden bisphenol A.

Coop vil have Folketinget med i kampen mod farlig kemi



Medlemsnyt/nyheder af Coop søger "voksen viden om kemikalier"

## Coop og Ikea i krig med EU om farlig kemi

14. november 2015 | 12. af Ouster Redt

FARLIG KEMI - En række store europæiske detailkæder har fået nok af EU's smøleri om de farlige hormonforstyrrende stoffer, som findes i almindelige dagligvarer. De er endnu lovligt, men er under mistanke for at medvirke til kræft, barnløshed, misdannelser og diabetes.

## Landmænd opfordrer til at boykotte Coop

### Coop fjerner mikroovns-popcorn fra hylderne

Et brug for sundere stoffer har fået Coop til at fjerne mikroovns popcorn fra sit sortiment.



Photo: Shutterstock  
Illustration: Shutterstock  
Læs mere om: Mikroovns popcorn, Coop, Sundhed, Miljø, Landbrug, Landmænd, Boykot, Coop, Ikea, EU, Farlig kemi, Hormonforstyrrende stoffer, Kræft, Barnløshed, Misdannelse, Diabetes

## Coop trækker populært legetøj tilbage efter fund af farlig kemi

De såkaldte fidget spinner indeholder for meget bly, ligesom den også indeholder



Fidget spinneren er underlagt EU's strenge regler for blyindhold. Shutterstock / Pictal

## Sagen forfra: Coop og landbruget i åben krig om kemikalierne i vor hverdag

En artikelserie om sprøjtegifte i vores mad og en kampagne mod de mest kritiserede kemikalier har udløst en voldsom strid mellem Coop og stærke kræfter i landbruget. Den forbrugeryde butiksvare forsvares banket på plads efter at have set fokus på problemene.

## Coop smider kemikalier på porten

14. november 2015 | 14. november 2015

Siden 2005 har Coop systematisk forbudt i kemikaligrupper, som farende forskere er forholdsvis til sundhed og miljø.



www.dokumentation.dk/nyheder

## Coop trækker alle fidget spinnerer tilbage efter dumpet kemi-test

En spinner indeholdt op mod ti gange den tilladte mængde bly og afgivnikket.



## Supermarkeds kæde går i krig mod skadelige stoffer - og tusinde allerede

14. november 2015 | 14. november 2015



Illustration af et stort sortiment af farverige plastikaffald, herunder flasker og beholdere. Shutterstock

af Jørgen Rasmussen

Partier bakker op om forslag til en selvstændig fond for kommende forhandlinger.

Detalhandler Coop går nu i kamp mod en række andre detailkæder, der er mistanke for at være sundheds- eller miljøskadelige.

## Landbruger raser over forsiden i Samvirke

### Coop går i samarbejde med Too Good To Go

14. november 2015 | 14. november 2015

Kunderne kan nu købe varer med op til 75 procent rabat, inden dato udløber i de første 40 Coop-butikker



## Coop fjerner mikroovns-popcorn fra hylderne

Et brug for sundere stoffer har fået Coop til at fjerne mikroovns popcorn fra sit sortiment.



# NyKemiLov.nu or NEWREGULATION.NOW

In September 2017 we launch our most ambitious campaign ever for chemicals. Collection of signature's for a safer regulation

Draft for a DK Resolution for ban of PFAS and all bisphenols

Input from scientists all over the world



## PROPOSAL FOR A RESOLUTION IN THE DANISH PARLIAMENT

Concerning a ban on specific  
endocrine-disrupting compounds

(bisphenols and fluorinated chemicals)

THE DANISH PARLIAMENT IMPOSES ON THE GOVERNMENT TO:

- **Point 1**  
Introduce a national ban on all harmful bisphenol compounds e.g. bisphenol A, -S and -F (BPA, BPF, and BPS), and per- and polyfluoroalkyl substances (PFAS) in food contact materials as well as certain other consumer products, including the recycling fase.
- **Point 2**  
Initiate implementation of similar restrictions in the EU.
- **Point 3**  
Initiate an investigation of the overall impact of potentially harmful chemical substances on humans and environment, described as the "cocktail effect". The investigation should evaluate the need for further regulations, including possible regulation of entire groups of substances, which are suspected to elicit endocrine-disrupting effects.

**Success:** SoMe, consumer support and visibility

Our campaign has won several digital prices !



# Coop's action did had an positive impact on Danish government chemical strategy

Our campaign for a new legislation and ban for PFAS and bisphenols had a **very positive impact** on the new chemical agreement which was adopted.

Several key points and actions were addressed in the ***"Political Agreement on new joint chemicals initiatives 2018-21"***

Coop received a letter from the Minister because our input helped DK to adopt an **ambitious strategy**.



Coop, att. Malene Teller Blume  
Mail: [Malene.Teller.Blume@coop.dk](mailto:Malene.Teller.Blume@coop.dk)

Fødevarer og forbruger  
Ref. EMISM  
Den 22. november 2017

Til Coop, att. Malene Teller Blume

På vegne af statsministeren og mig selv vil jeg takke for jeres henvendelse af 26. september 2017 om at forbyde skadelige bisphenoler og fluorerede stoffer i fødevarer og forbrugerprodukter.

Der er netop indgået en politisk aftale om kemiindsatsen for 2018-2021 med alle Folketingets partier. Med den nye kemiindsats sætter vi ambitionsniveauet endnu højere op. Skadelig kemi skal ud af produkter og fødevarer. I aftalen sættes fokus på de grupper, der er mest sårbare over for kemiske stoffer - ufødte, børn og unge - fordi kemiindsatsen peger ud i fremtiden. Der arbejdes bl.a. på at fremme EU-reguleringen af hele stofgrupper i stedet for at regulere stoffer et af gangen. Det kunne fx være grupperne fluorerede stoffer og bisphenoler.

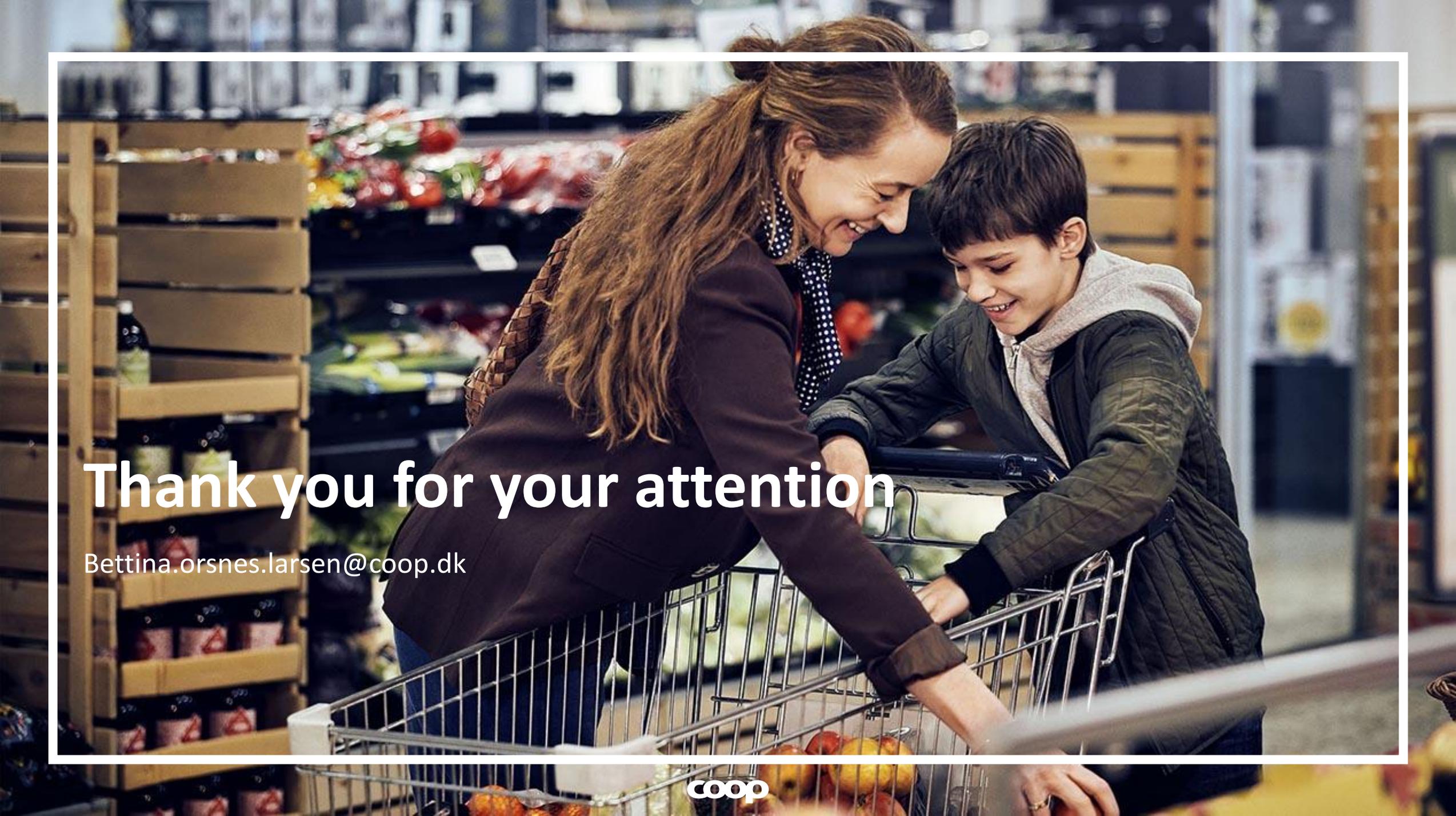
Den nye kemiindsats indeholder ligeledes initiativer i forhold til kombinationseffekter - et emne der også fremhæves i Coops forslag til beslutningsforslag. Eksempelvis skal der videreudvikles metoder til risikovurdering af kombinationseffekter af kemiske stoffer fra miljø- og fødevarer-eksponeringer.

Med venlig hilsen

Esben Lunde Larsen

# Washington State adopted a ban after intense debate and pressure from NGO's





**Thank you for your attention**

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