



**DETOX**  
Report 2016







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# 1. Kaufland's DETOX commitment

## 1.1 Aims and details of our DETOX commitment



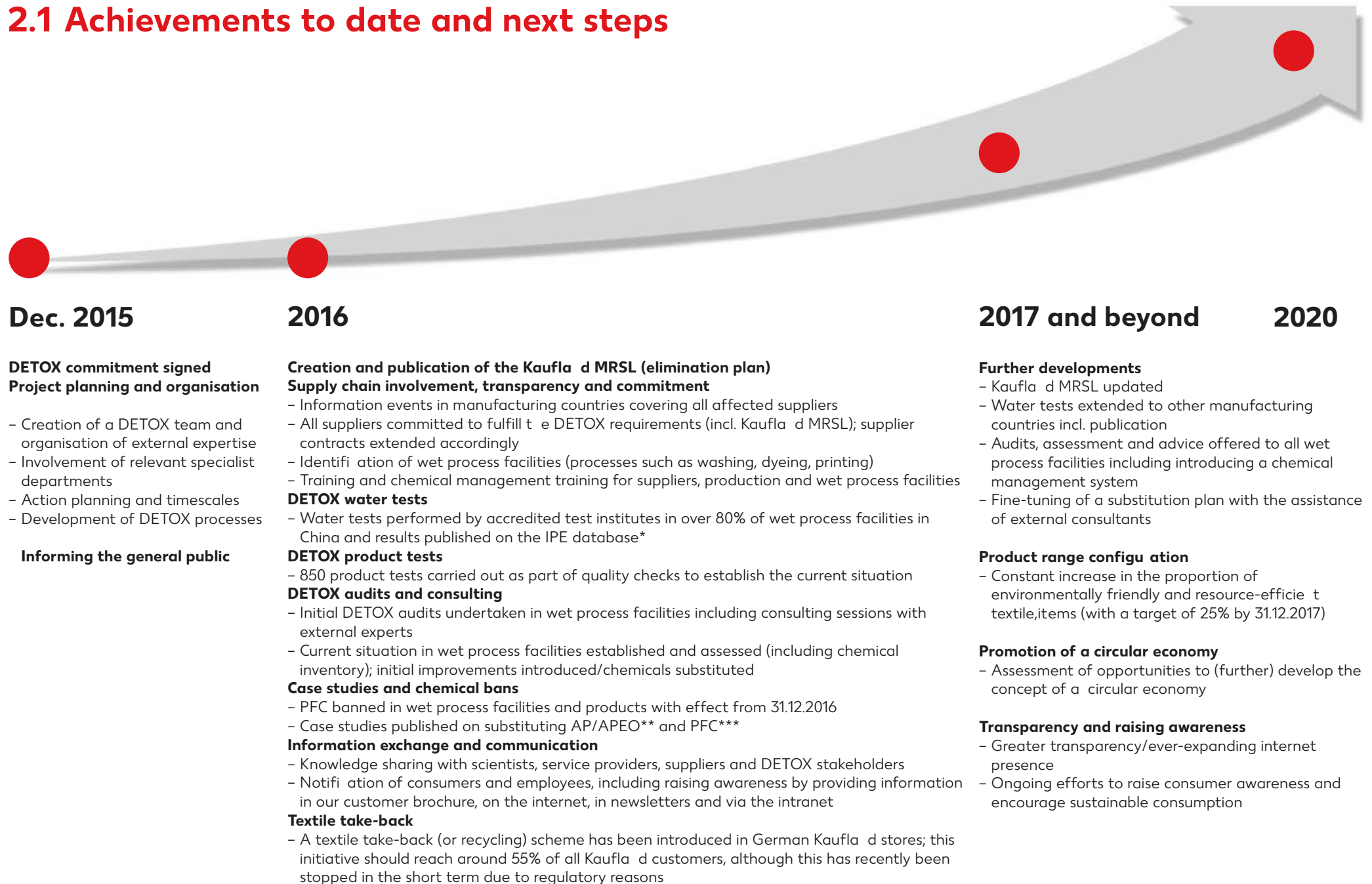
**DETOX is a worldwide Greenpeace campaign seeking to eliminate hazardous chemicals from the manufacturing processes for textiles and footwear for the benefit of mankind and the environment. In December 2015, Kaufland joined the DETOX campaign with a pledge to eliminate environmentally hazardous chemicals from the manufacturing processes for own brands/imports in our apparel, footwear and home textile ranges by 2020. We are therefore demonstrating our commitment to using and producing textiles in an environmentally sound manner, with the emphasis on conserving resources.**

### **Kaufland's key DETOX aims:**

- 1. To gradually substitute hazardous chemicals** used in apparel, footwear and home textiles in own brands/imports by 2020. This policy is based on the Kaufland Manufacturing Restricted Substances List (Kaufland MRSL), which applies to Kaufland and its suppliers. The Kaufland MRSL includes the 11 chemical groups to be eliminated from products and production processes and specifies the timescales by which definitive usage bans will come into force.
- 2. To design sustainable product ranges for our own brand textiles** by constantly increasing the proportion of environmentally friendly and resource-efficient products (e.g. GOTS certification, recyclable or recycled products). Our target is to increase the proportion of environmentally friendly textile items across our entire textile range (own brands/imports) to at least 25% by the end of 2017.
- 3. To introduce a textile take-back scheme** and promote a recycling mentality (circular economy) in the world of textiles to ensure that more and more textiles are reused or, at the very least, recycled efficiently. Our target is to reach 80% of our customers by the end of 2016.
- 4. To achieve transparency in the supply chain** and in the use of chemicals, as well as promoting continued consumer awareness and encouraging sustainable use of textiles and footwear.

## 2. Progress and schedule

## 2.1 Achievements to date and next steps



**Dec. 2015**

**DETOX commitment signed  
Project planning and organisation**

- Creation of a DETOX team and organisation of external expertise
- Involvement of relevant specialist departments
- Action planning and timescales
- Development of DETOX processes

**Informing the general public**

**2016**

**Creation and publication of the Kaufland MRSL (elimination plan)  
Supply chain involvement, transparency and commitment**

- Information events in manufacturing countries covering all affected suppliers
- All suppliers committed to fulfill the DETOX requirements (incl. Kaufland MRSL); supplier contracts extended accordingly
- Identification of wet process facilities (processes such as washing, dyeing, printing)
- Training and chemical management training for suppliers, production and wet process facilities

**DETOX water tests**

- Water tests performed by accredited test institutes in over 80% of wet process facilities in China and results published on the IPE database\*

**DETOX product tests**

- 850 product tests carried out as part of quality checks to establish the current situation

**DETOX audits and consulting**

- Initial DETOX audits undertaken in wet process facilities including consulting sessions with external experts
- Current situation in wet process facilities established and assessed (including chemical inventory); initial improvements introduced/chemicals substituted

**Case studies and chemical bans**

- PFC banned in wet process facilities and products with effect from 31.12.2016
- Case studies published on substituting AP/APEO\*\* and PFC\*\*\*

**Information exchange and communication**

- Knowledge sharing with scientists, service providers, suppliers and DETOX stakeholders
- Notification of consumers and employees, including raising awareness by providing information in our customer brochure, on the internet, in newsletters and via the intranet

**Textile take-back**

- A textile take-back (or recycling) scheme has been introduced in German Kaufland stores; this initiative should reach around 55% of all Kaufland customers, although this has recently been stopped in the short term due to regulatory reasons

**2017 and beyond**

**Further developments**

- Kaufland MRSL updated
- Water tests extended to other manufacturing countries incl. publication
- Audits, assessment and advice offered to all wet process facilities including introducing a chemical management system
- Fine-tuning of a substitution plan with the assistance of external consultants

**Product range configuration**

- Constant increase in the proportion of environmentally friendly and resource-efficient textile items (with a target of 25% by 31.12.2017)

**Promotion of a circular economy**

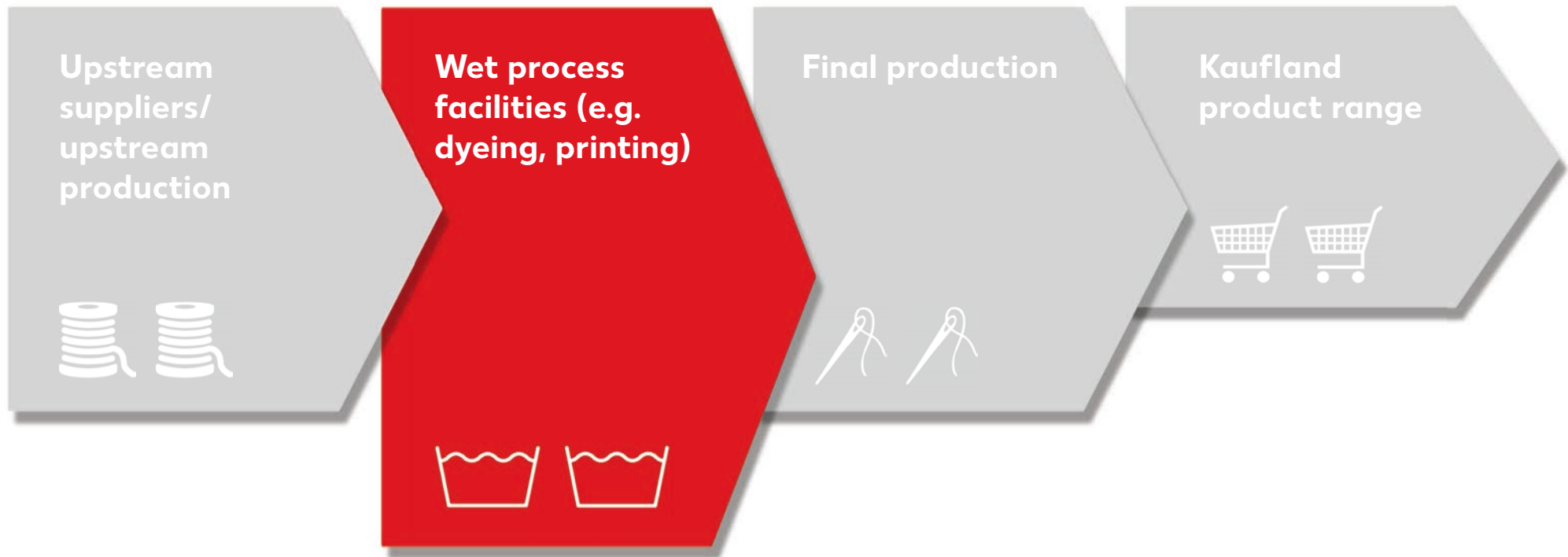
- Assessment of opportunities to (further) develop the concept of a circular economy

**Transparency and raising awareness**

- Greater transparency/ever-expanding internet presence
- Ongoing efforts to raise consumer awareness and encourage sustainable consumption

**2020**

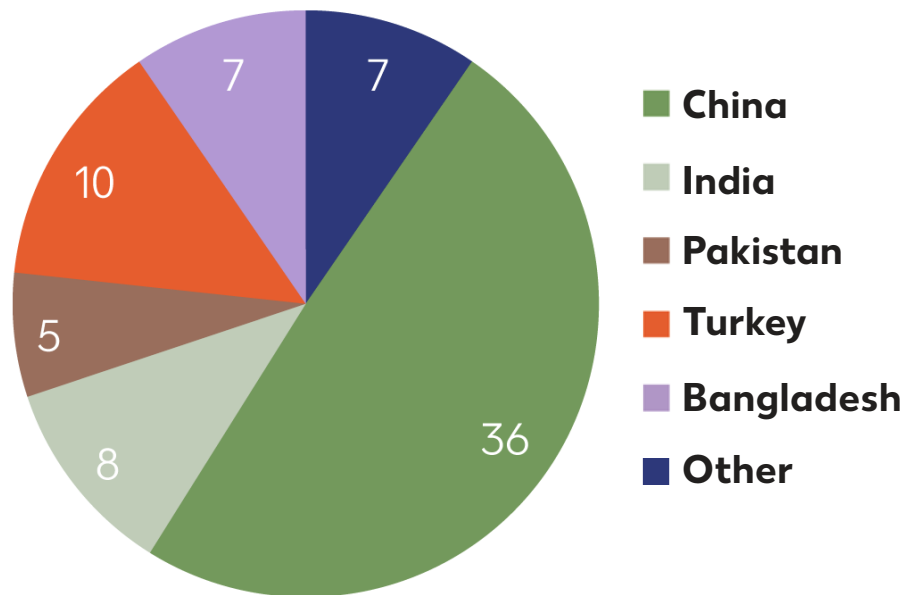
## 2.2 Wet processes at the heart of the chemical management system



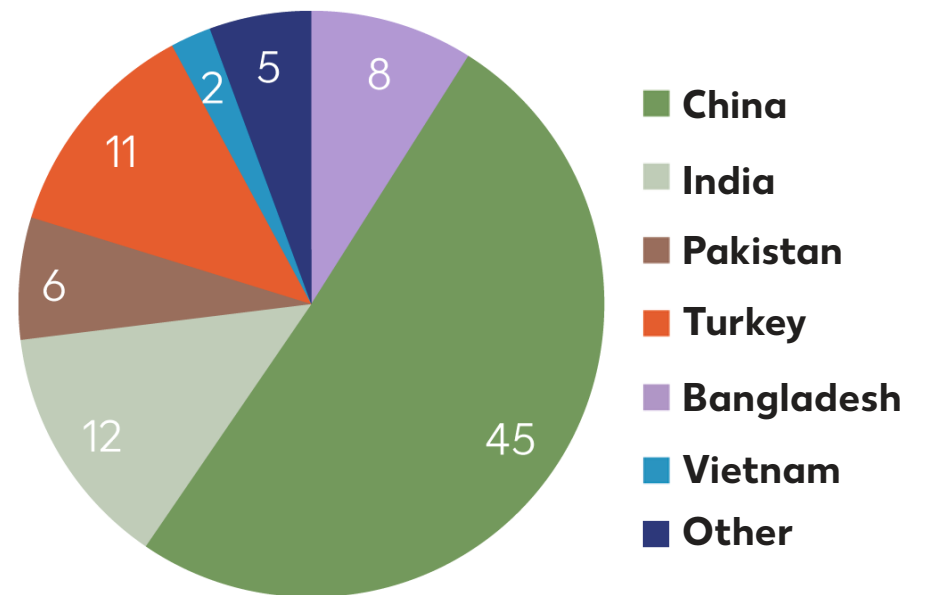
## 2.3 Relevant suppliers and wet process facilities



Number of suppliers per country  
TOTAL: 73



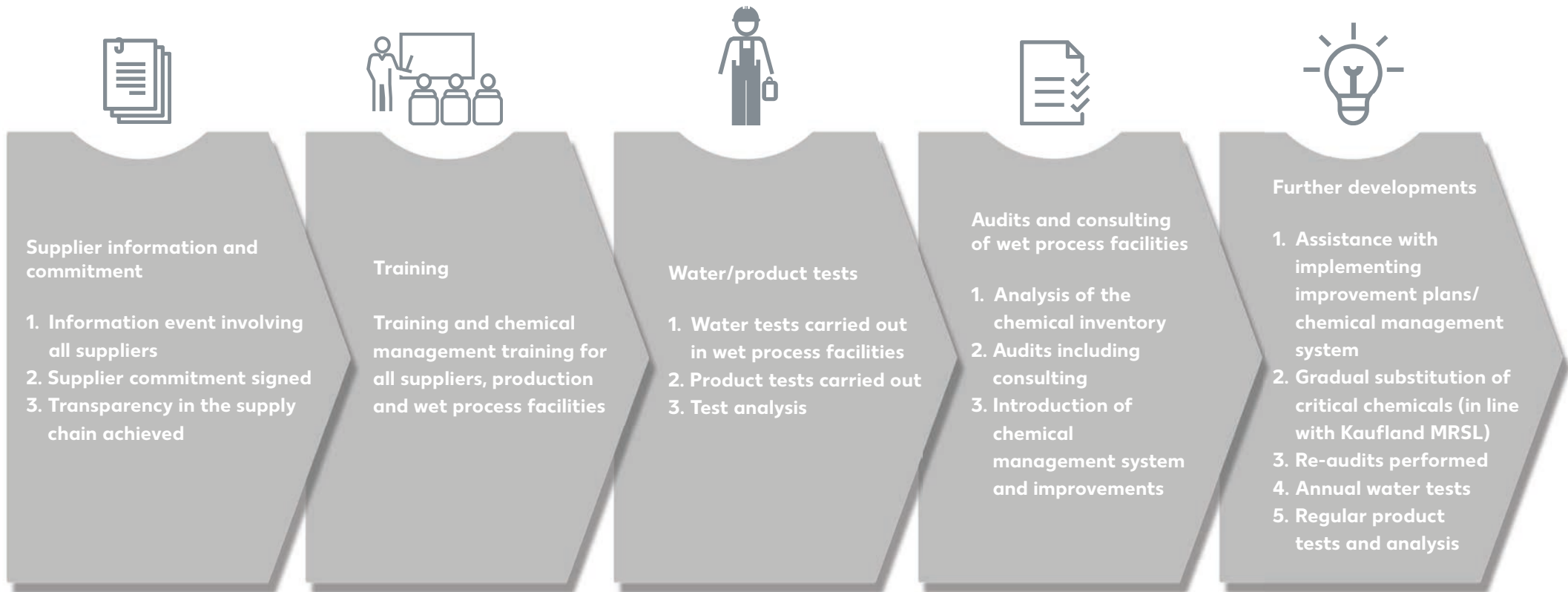
Number of wet process facilities per country  
TOTAL: 89





### 3. Eliminating critical chemicals

## 3.1 Procedure



## 3.2 Supplier information and commitment



### Supplier commitment to meet DETOX targets

- The supplier commitment and necessary documentation is sent out
- The DETOX commitment is signed: suppliers and their production facilities sign mandatory contractual agreements confirming that they comply with the limits
- MRSL: suppliers receive instructions on using the Kauf and MRSL
- Transparency: plants (final production) and wet process facilities must be disclosed to Kauf and



## 3.3 Training in the supply chain



**All suppliers including the relevant plants (final production) and wet process facilities are trained to ensure they comply with the requirements of the DETOX commitment.**

### Training priorities

- Aims and details of the DETOX commitment
- Chemical management: hazards and risks, procurement/transport/storage/handling of chemicals, explanatory notes on safety data sheets, protective equipment/work clothing, disposal of hazardous chemicals
- Instructions for maintaining chemical inventory lists (CIL)
- Use of the "Chemical Checking Tool" (IT application) to compare existing chemical stocks quickly and easily with the Kauf and MRSL
- Improvement/substitution options



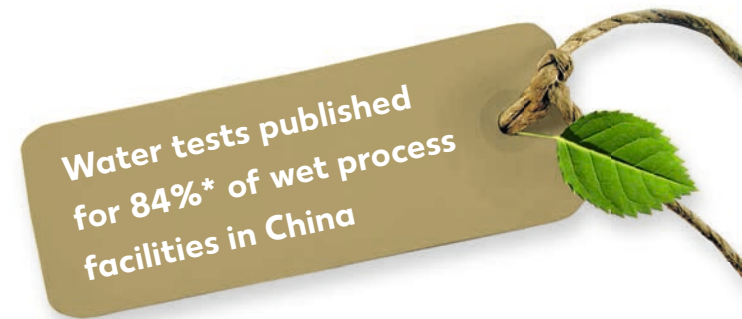


## 3.4 Water tests in wet process facilities



### Process

**Accredited test institutes** carry out annual checks on wastewater discharges from wet process facilities to verify the limits agreed in the Kauf and MRSL. These test results are uploaded to a public platform (IPE database). The water tests are analysed in preparation for the DETOX audit with a view to introducing targeted the improvement/substitution procedures.



### Test parameters

- Wastewater: the water sample is currently tested for the 11 priority chemical groups (see Kauf and MRSL)
- Incoming water: if the wastewater sample indicates the presence of chemicals, the incoming water is also tested



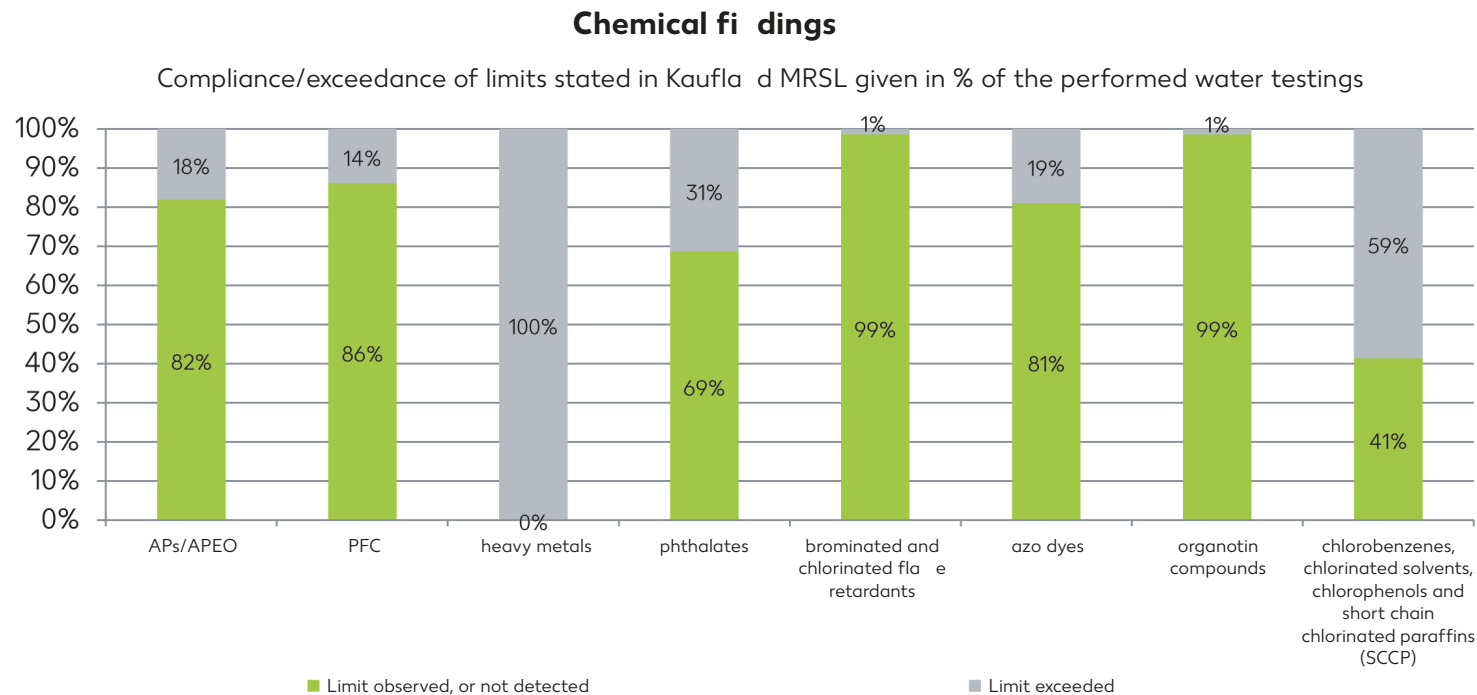
## 3.4 Water tests in wet process facilities



### Results of water tests 2016

Since 2016, water tests have been performed in wet process facilities, focusing on China.

Data based on: **104** water tests in **54** wet process facilities used by our suppliers.



- In the case of AP/APEO it is quite clear that our MRSL limits were observed in 82% of the test results, or these substances were not detected, whereas the limits were exceeded in 18% of cases.

- The substances detected most frequently were heavy metals, chlorobenzenes/chlorinated solvents/chlorophenols/chlorinated paraffins and phthalates. This was often due to the contamination of incoming water (see next page).

- There were virtually no instances in which limit levels of flame retardants or organotin compounds were exceeded or even detected in the tests.

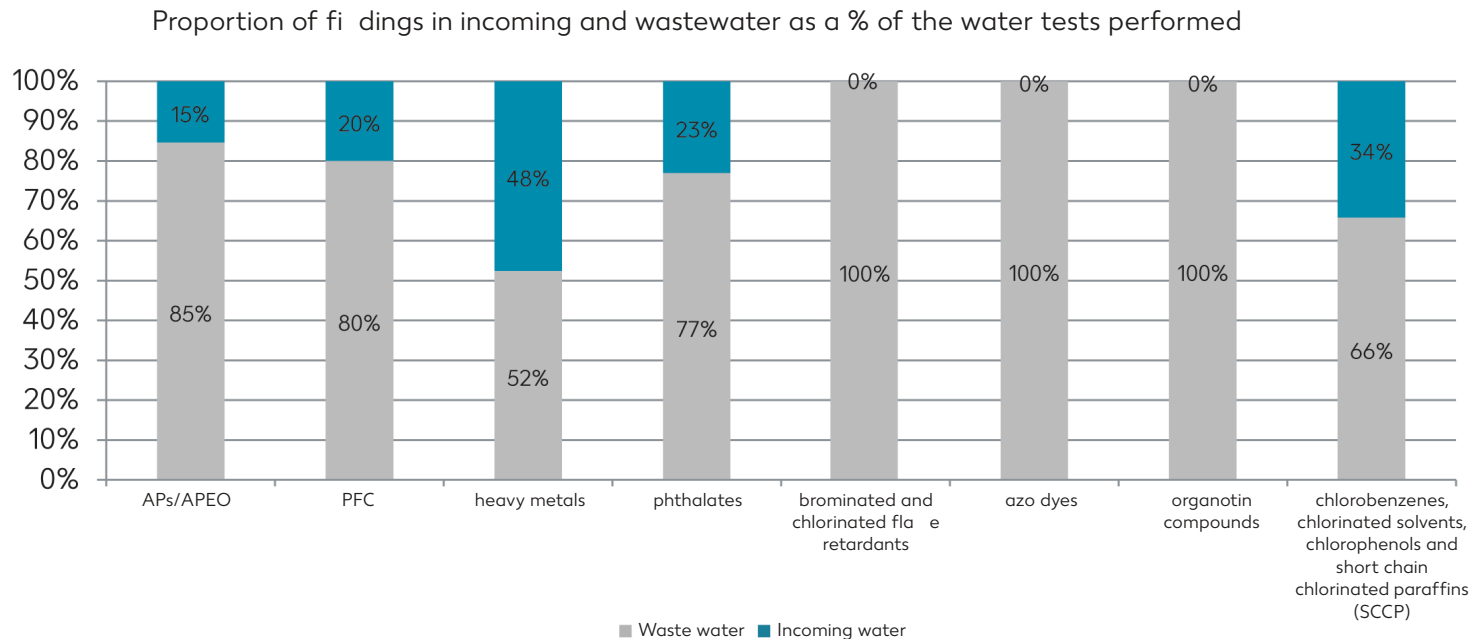
## 3.4 Water tests in wet process facilities



### Results of water tests 2016

Data based on: **104** water tests in **54** wet process facilities used by our suppliers.

#### Chemical findings/Kaufmann MRSL limits exceeded



- Chlorobenzenes/chlorinated solvents/chlorophenols/short chain chlorinated paraffin, phthalates, heavy metals, PFC and AP/APEO were found in both incoming and wastewater, indicating that the water source itself is often contaminated at the outset.

- There was no evidence of organotin compounds, flame retardants or azo dyes in incoming water. This suggests 100% use in the production process.

## 3.4 Water tests in wet process facilities

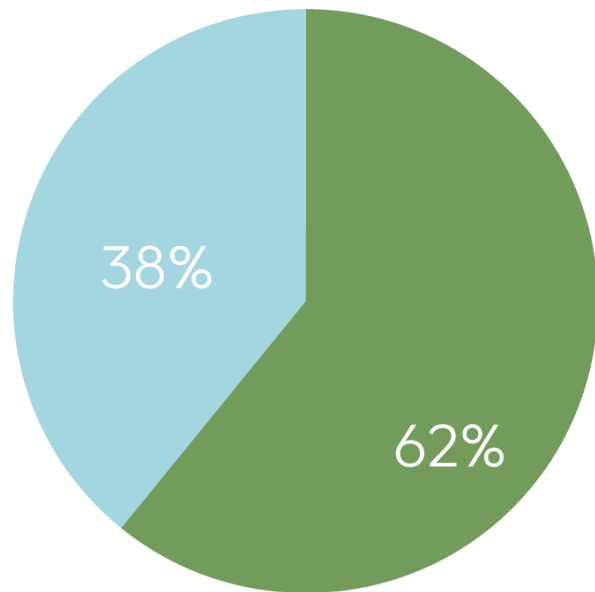


### Results of water tests 2016

Data based on: **104** water tests in **54** wet process facilities used by our suppliers.

#### Chemicals found in incoming water

(number of water tests performed in %)

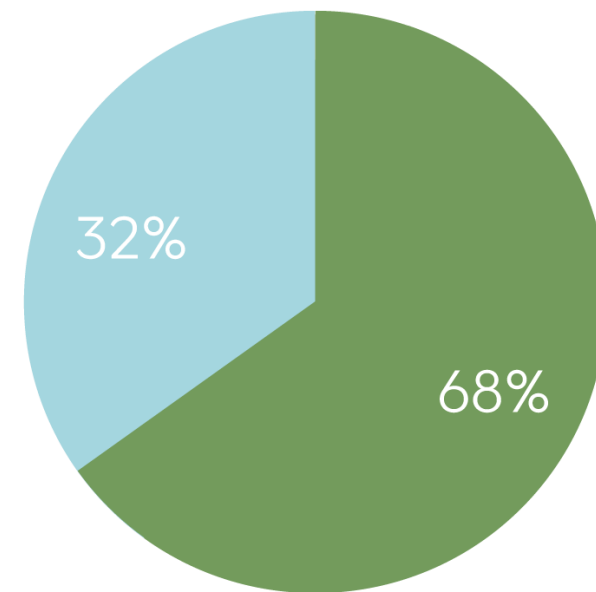


■ Limit observed,  
or not detected

■ Limit exceeded

#### Chemicals found in wastewater

(number of water tests performed in %)



■ Limit observed,  
or not detected

■ Limit exceeded



## 3.5 Eliminating chemicals such as PFC and AP/APEO



**In the initial stages regarding the elimination of the 11 priority chemical groups, the emphasis is on PFC and AP/APEO. Wet process facilities with significant water test results for PFC and AP/APEO are being investigated and advised with priority.**

### **PFC**

PFC are used to make apparel or footwear water-repellent. Kaufland already used more environmentally friendly alternatives such as bionic finishes in the past, and is now able to remove all PFC from production processes and end products, in line with the ban due to take effect on 31.12.2016. Nevertheless, all wet process facilities are still being tested for PFC via the water tests as these facilities often make products for other companies too. Kaufland ultimately hopes to ensure that PFC are not even used to fulfil production orders for other customers.

### **AP/APEO**

AP/APEO are often used for washing purposes, but are due to be replaced in the production process by more environmentally friendly alternatives by 2020 at the latest. The limits shown in Kaufland's MRSL will be subject to ongoing reductions. Wet process facilities showing significant findings of AP/APEO will be prioritised in the audit planning process to ensure that rapid progress can be made.

### **Development of case studies on substituting PFC and AP/APEO**

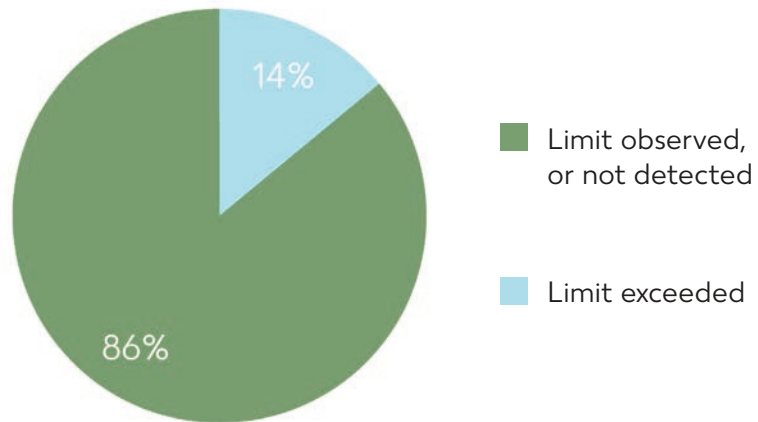
Case studies on substituting PFC and AP/APEO have been carried out with a view to improving production processes. These are published on [www.subsport.org](http://www.subsport.org)

## 3.5 Eliminating chemicals such as PFC and AP/APEO



### Chemical findings PFC 2016

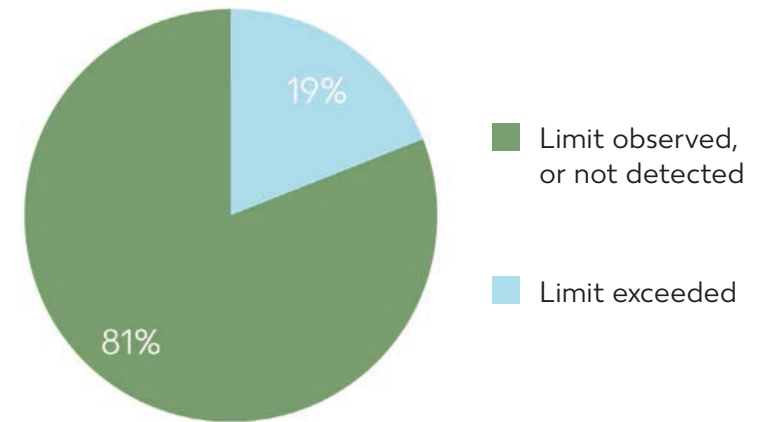
Number of wet process facilities in %



**Target:** zero discharges\* by 31.12.2016

### Chemical findings APs/APEO 2016

Number of wet process facilities in %



**Target:** zero discharges by 2020

## 3.6 DETOX audits in wet process facilities



### Content and schedule

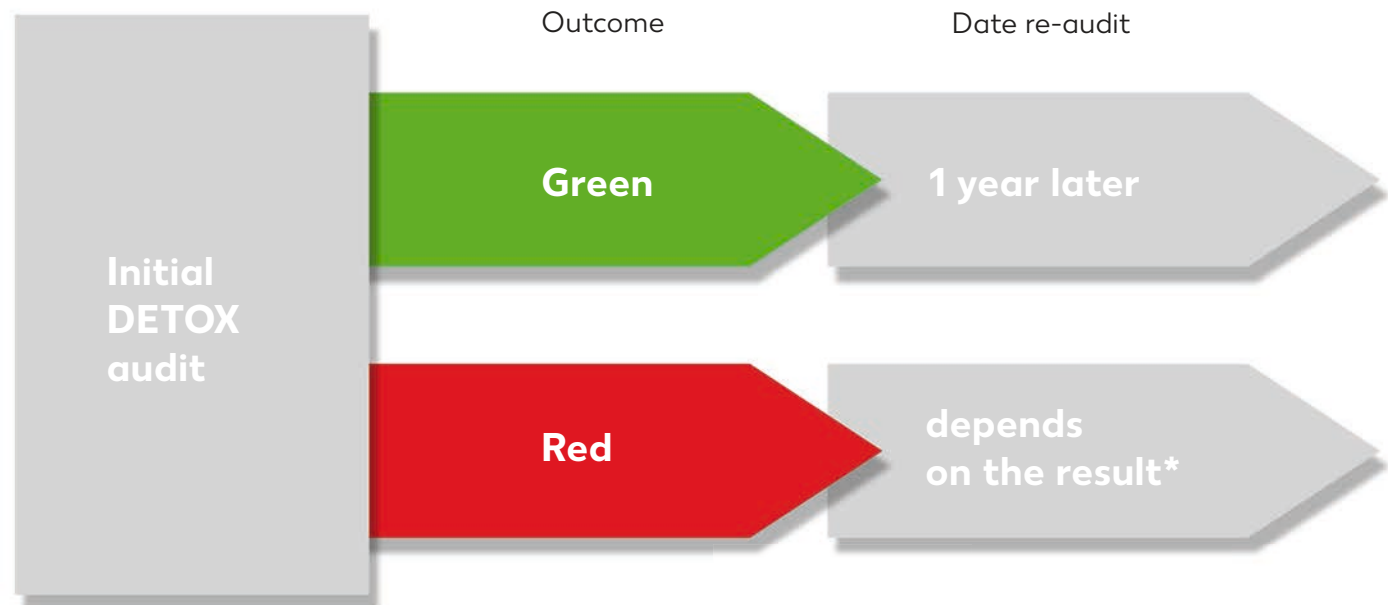
#### Checkpoints

##### General

- operating licence
- building safety
- management systems
- welfare standards

##### DETOX-specific

- environmental assessment/permits
- chemical management
- water treatment/wastewater treatment



## 3.6 DETOX audits in wet process facilities



### Consulting process as part of the initial and re-audit

#### Initial DETOX audit by Kauf and auditors and external consultants (scheduled)

Needed documents: current water test results, chemical inventory list, current product test results for end products



#### DETOX re-audit (unscheduled)

The DETOX re-audit takes place without advance warning. Any irregularities observed in the initial audit are reviewed and further advice given to the facility.



## 3.7 Further development of the chemical management



### **Positive list for chemicals**

We are gradually developing a positive list for substituting hazardous chemicals in the production process with the support of external experts and the chemical industry.

### **Positive list for wet process facilities**

Carrying out water tests and DETOX audits gives us information about which wet process facilities are able to meet the DETOX requirements, those which still have potential for improvement and to identify the scope for further training and advice. Wet process facilities that produce products in accordance with DETOX standards and successfully meet the requirements are identified as “best practice” and are forwarded to our suppliers.

### **Development of a phase out plan to eliminate the 11 hazardous chemical groups**

Suppliers and their production facilities sign mandatory contractual agreements confirming that they comply with the limits set in our Kaufland MRSL. Chemical raw materials, other materials and end products must all comply with the limits. Suppliers and their plants (final production) and wet process facilities receive training, advice and audits to ensure that they comply with the limits. The 11 hazardous chemical groups will be eliminated as part of a phase out plan. The new requirements will be introduced gradually to our suppliers so that the production process can be converted gradually and with our support.

We will give suppliers enough time to do this, setting mandatory deadlines for the new limits defined for all specified chemical groups so that use of these chemicals can be reduced gradually. The aim is to eliminate the 11 hazardous chemical groups completely by 2020.

## 4. Communication

# 4.1 Information and awareness campaigns



## Internal and external communication measures

- Informing employees and getting them involved via in-house training and publishing articles on the intranet
- Raising consumer awareness by publishing articles in our customer brochure and online media (website and newsletters)

### In-house training

**1. Was ist Detox**

**Detox:**

- ist eine weltweite Greenpeace Kampagne die 2011 gestartet wurde.

**Ziel:**

- Den Einsatz gefährlicher Chemikalien in der gesamten Lieferkette (inkl. alle Maßproduktionsprozesse) der Textilindustrie bis 2020 eliminieren.
- Die 11 prio Chemikaliengruppen sind:
 

1. Alkylphenolethoxylate (APEO)	6. Perfluorierte Chemikalien (PFCs)
2. Phthalate	7. Chlorbenzole
3. Bromierte und chlorierte Flammschutzmittel	8. Chlorierte Lösungsmittel
4. Azofarbstoffe	9. Chlorphenole
5. Organozinnverbindungen	10. Kurzkettsige Chlorparaffine
	11. Schwermetalle

### Intranet

#### Für ökologische Standards bei der Textilproduktion

Mit einer freiwilligen Selbstverpflichtung unterstützt Kaufland die Ziele der Detox-Kampagne von Greenpeace. Ziel ist es, die Wasserverschmutzung und somit die Belastung für Mensch und Natur durch umweltschädliche Chemikalien in der Textil- und Schuhproduktion zu vermeiden.

Mit der Detox-Kampagne hat Greenpeace im Juli 2011 begonnen, sich gegen den Einsatz gefährlicher Chemikalien in der Textilindustrie einzusetzen und dabei Einzelhandelsunternehmen, Lieferanten und Produzenten mit ins Boot zu holen. „Detox“ ist ein Kunstwort aus „De“ (ent- oder gegen) und „tox“ (toxisch) und heißt in diesem Sinne so viel wie „entgiften“ oder „gegen Gifte“.

**Verantwortung leben**

### Customer brochure

#### Wir schonen die Umwelt

**Textilien: Umweltschutz fängt bei der Produktion an**

In vielen Ländern werden bei der Herstellung von Textilien Chemikalien eingesetzt, die unter anderem über das Abwasser der Fabriken in die Umwelt gelangen und diese schädigen können. Das möchten wir ändern.

Deshalb unterstützen wir die Detox-Kampagne von Greenpeace. Damit haben wir uns freiwillig verpflichtet, bis 2020 bei der Herstellung von Bekleidung, Heimtextilien und Schuhen, sowohl bei Eigenimporten als auch bei Eigenimporten, auf umweltschädliche Substanzen zu verzichten – und nehmen jetzt zusätzliche Produktionskontrollen und Verbesserungen direkt in den Fabriken vor. Parallel dazu laufen unsere bereits bestehenden konstanten Produktprüfungen weiter. Denn für die Endprodukte haben wir interne Grenzwerte festgelegt, die teilweise noch strenger sind als die in Europa gültigen gesetzlichen Vorgaben.

Unsere vollständige Selbstverpflichtung – das Detox Commitment – und regelmäßige Fortschrittsberichte finden Sie unter [www.kaufland.de/textilstandards](http://www.kaufland.de/textilstandards).

### Website

#### Technische Produktinformationen für Textilien

Mit unserer eigenen Verantwortung für Mensch und Umwelt bewusst und helfen wir bei der Herstellung von Bekleidung, Heimtextilien und Schuhen für Qualität und Sicherheit der Produkte im F&E Bereich. Unsere Selbstverpflichtung unterstützen wir durch die Detox-Kampagne von Greenpeace.

**Detox-Commitment**

Wir haben uns zum Ziel gesetzt, bis 2020 in der Produktion von Bekleidung, Heimtextilien und Schuhen kein Eigenimport und Eigenimporten auf dem Einsatz von umweltschädlichen Chemikalien zu verzichten. Die Kaufkraft-Maßnahmenabstimmung werden für Bekleidung, Heimtextilien und Schuhe entsprechend angepasst. Auf Grundlage dieser Richtlinien hinsichtlich der Textilindustrie werden die Hersteller die Einkaufsentscheidungen und die Lieferanten gewählt. Sie werden gemeinsam mit unseren Lieferanten die Warenherstellung und somit die Bekleidung für Mensch und Natur verbessern.

Unseres Ziel zu erreichen, hat Kaufland sich der Greenpeace Detox-Kampagne angeschlossen. Eine freiwillige Selbstverpflichtung – das Detox Commitment – hat die deutsche Greenpeace und Kaufland geschlossen. Verantwortung hat und die meisten dieser Umsetzung.

Lesen Sie das Detox Commitment von Kaufland (in englischer Sprache).

Detox Commitment laden!

Weitere Informationen zur Detox-Kampagne von Greenpeace erhalten Sie hier: [www.kaufland.de](http://www.kaufland.de)

### Newsletter

#### Textilstandards

**Wir schonen die Umwelt**

Umweltschutz fängt bei Textilien in der Produktion an. Deshalb unterstützen wir die Detox-Kampagne von Greenpeace. Mehr zum Thema erfahren Sie hier.

[Mehr erfahren](#) ➔

# 4.1 Information and awareness campaigns



**Bewusst einkaufen – Bienen schützen**

Bienen und andere Nützlinge bestäuben rund 84 Prozent der für unsere Ernährung wichtigsten Pflanzenarten. Ihre Leistung sichert die Lebensmittelversorgung von Mensch und Tier. Deshalb bieten wir Ihnen Artikel, die diese Insekten unterstützen – zum Beispiel aus Bio-Baumwolle, deren ökologischer Anbau den Lebensraum vieler Tiere erhält.

Wenn Sie auf insektenfreundliche Angebote achten, tragen Sie schon beim Einkaufen zum Schutz unserer Umwelt bei!

**Am Klimaschutz sparen wir nicht. Aber Sie!**

**Für kleine Weltentdecker.**

**BIO UND GOTS – NATÜRLICH GUT!**

Unsere Bio-Textilien mit GOTS-Siegel werden besonders schadstoffarm unter Einhaltung strenger Linienvorgaben hergestellt. Sie eignen sich daher auch ideal für empfindliche Babyhaut. Darüber hinaus werden bei der Produktion auch soziale Aspekte berücksichtigt. Eine rundum gute Sache also für Mensch und Natur.

**Baby-Body**

- 100 % Bio-Baumwolle
- Langarm oder Halbarm
- Größen 62/68, 74/80, 86/92 oder 98/104

**30% BILLIGER!**  
Statt 4,99 €  
**3,49 €**

**Einkaufsbox aus Karton, Größe ca. 30 x 43 x 30 cm, für max. 20 kg**

**1,- €**

**Hausschuhe anatomisch geformtes Fußbett, Zwischensohle und Laufsohle aus EVA, Größen 37 - 41 bzw. 41 - 46**

**9,99 €**

**Oberteil und Futter aus recycelten PET-Flaschen (synthetischer Filz)**

**14,99 €**

## Advertising environmentally friendly textiles/footwear

Regular advertising to increase sales and raise awareness



## 5. Designing sustainable product ranges

## 5.1 Current situation and outlook



- **Creation/specification** of CSR product standards on designing environmentally friendly and resource-efficient textile and footwear ranges
- **Listings/transition** to more environmentally friendly textiles

Target: 25% environmentally friendly textiles used in own brands/imports (e.g. products with GOTS certification, recycled products, "Made in Green" products) by 31.12.2017. Textiles may only display the GOTS label if they can be shown to have been manufactured in line with environmentally friendly and socially responsible requirements. These include extremely stringent regulations regarding the chemicals used.

## 6. Textile take-back scheme and the circular economy

## 6.1 Textile take-back scheme



**It is essential that we extend and develop existing textile take-back schemes if we are to have any chance of establishing a circular economy in the textile sector in the long term.**



### **Target:**

Introduction of a textile take-back scheme in Kauf and stores to reach 80% of all Kauf and customers by the end of 2016.

### **Current status:**

- General technical and organisational conditions created.
- The system was initially due to be rolled out in all German Kauf and stores, thus reaching 55% of Kauf and customers worldwide in the first instance.
- Unfortunately, we were unable to meet our target due to requests for clarification from the authorities regarding with product responsibility in textile take-back schemes.
- Rollout has therefore been halted until further notice.





# Contact

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