

# BREAKOUT GROUP SESSION

## Publishers and printers

Maggie Zhang  
24/04/2018



# INTRODUCTION

BOOK CHAIN PROJECT

[About](#) [News](#) [Resources](#) [Contact](#)

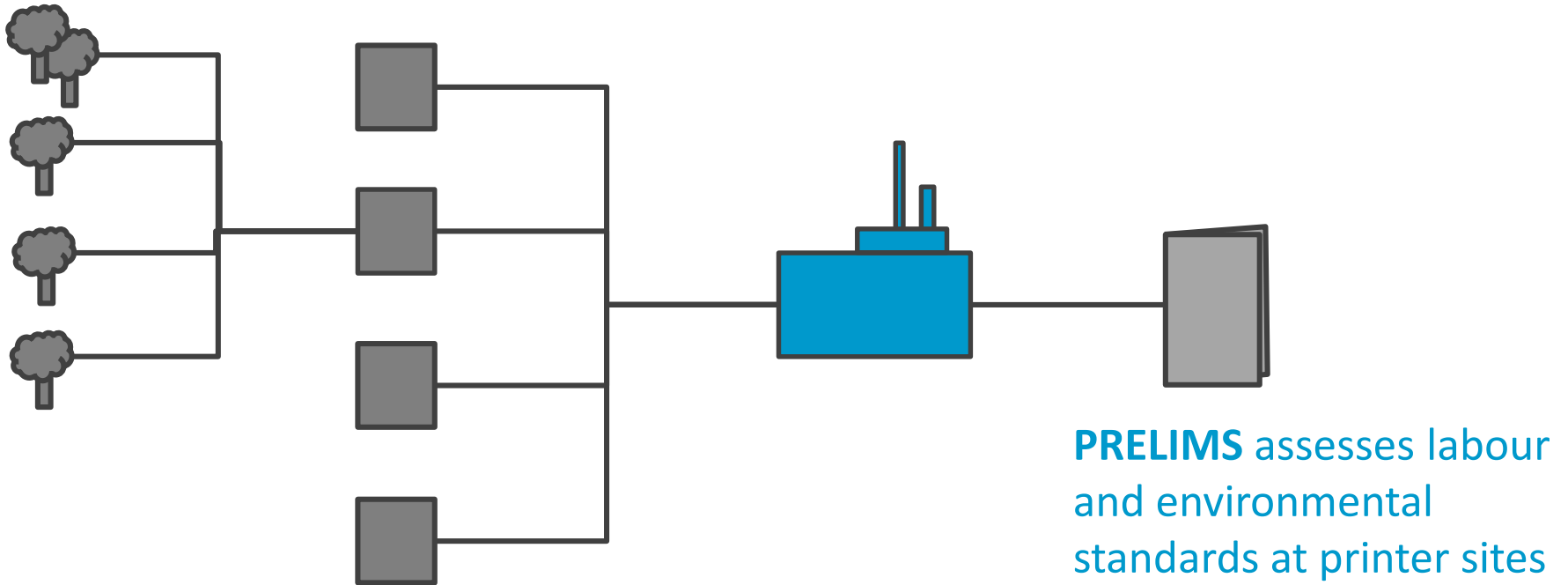
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The logo for PREPS, where each letter is contained within a colored square: P (green), R (light green), E (blue), P (purple), S (grey).The logo for p-i-p-s, where the letters are lowercase and connected by a wavy line. The 'p' is in a brown circle, 'i' is in a yellow circle, and 's' is in a brown circle.The logo for prelims, written in a blue, lowercase, sans-serif font.

The Book Chain Project gives publishers the information they need to tell the full story of their books; from the origins of tree fibres in the papers, the safety of chemicals in their inks, glues and varnishes, to the working conditions of the factories where the books were made.

The Book Chain Project has three tools to help publishers better understand their book supply chains:

# AN OVERVIEW OF BOOK CHAIN



A dense forest of evergreen trees, likely spruce or fir, with a thick mist or fog rising from the ground, creating a soft, ethereal atmosphere. The trees are a vibrant green, and the mist is a pale, hazy white. The overall scene is serene and natural.

***PREPS***

# OVERVIEW

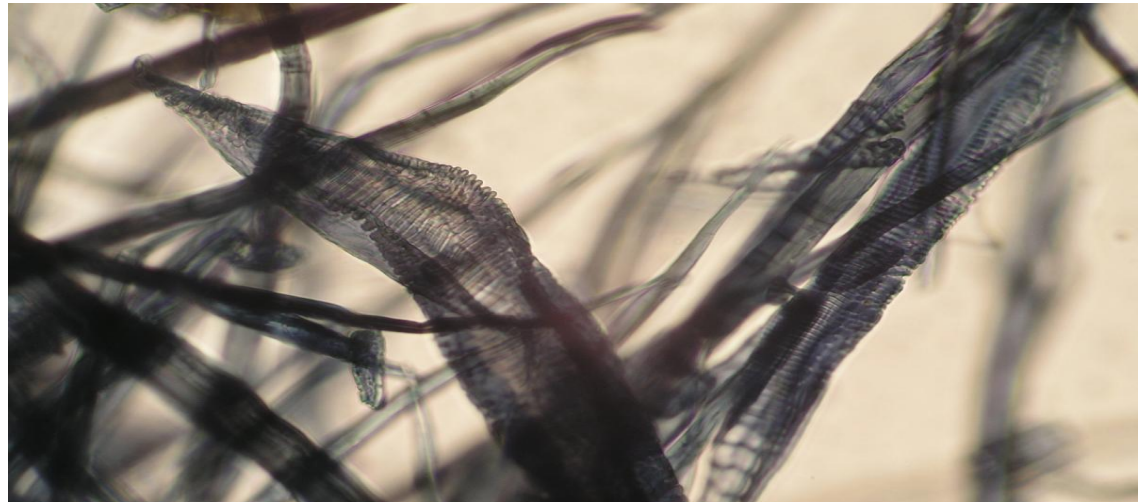
## A response to clients' requests on paper buying policies

- ★ Paper contains uncertified fibre and high risk material
- ★★★ Forest sources are known and responsible
- ★★★★★ Paper is FSC/PEFC certified or 100% recycled
- ☆ Unknown sources (mill not engaging or failed fibre test). High risk
- ★★★ Brand suspended for one month: no data from mill or failed fibre test



# ADVANTAGES

- Information directly submitted by paper manufacturers
- Information is regular updated on an annual basis
- Fibre testing to double check



Fibre type	Tappi				Bleaching	Pulping process	Genus of species - (Number of hardwood vessels in brackets)		
	Raw count	Weight factor	Final count	% by weight					
HWD	203	0.5	102	65	Bleached	Sulphate	Acacia (29)	Eucalyptus (5)	Liriodendron (3)
SWD	22	0.9	20	13	Bleached	Sulphate	Pinus	Pseudotsuga	
HWD CTMP	39	0.9	35	22			Populus		
Annual							Trace levels, low levels of Parenchyma and Epidermal cells		

# ACCESS



Example Printer

Home [Browse](#) [Bulletins](#) [Events](#) [Help](#)

PREPS > Brands Mills PIPS >

Brands [955]

FILTER

1 2 3 4 5 ... 19 20

Name	Mill	Country	Grade	Graded
<input type="checkbox"/> 126gsm Nine Dragons Kraft paper Other	Donguan Nine Dragons Paper Industries Nine Dragons Paper Holdings Ltd.	China		
<input type="checkbox"/> 1818 FSC Greyboard (1500)	Cartiera San Martino Cartiera San Martino	Italy	★★★★★	30 Aug 2017
<input type="checkbox"/> 1818 PEFC Greyboard (1500)	Cartiera San Martino Cartiera San Martino	Italy	★★★★★	30 Aug 2017
<input type="checkbox"/> 40# Norpac Norbrite PEFC Uncoated	Longview, WA Weyerhaeuser	USA		
<input type="checkbox"/> 45# Sebago IV Cream PEFC Uncoated	Sebago/Glatfelter Sebago/Glatfelter	USA		
<input type="checkbox"/> 80# Cover Mohawk Via Felt PEFC Uncoated	Mohawk Paper Mill Mohawk Fine Papers Inc.	USA		
<input type="checkbox"/> 80# Text Mohawk Via Felt Bright White PEFC Uncoated	Mohawk Paper Mill Mohawk Fine Papers Inc.	USA		
<input type="checkbox"/> AA Uncoated (70 - 140)	Thatoom Aa	Thailand	☆	13 Sep 2017
<input type="checkbox"/> Accent Opaque FSC [Ticonderoga] Uncoated	Ticonderoga International Paper	USA	★★★★★	24 Nov 2017



# ACCESS

**BOOK CHAIN PROJECT**

Example Printer 5

Home Browse Bulletins Events Help

PREPS > Brands Mills PIPS >

FILTER

1 2 3 4 5 ... 19 20

country Grade Graded

China		
taly	★★★★★	30 Aug 2017
taly	★★★★★	30 Aug 2017
JSA		
JSA		
JSA		
JSA		
JSA		
Thailand	☆	13 Sep 2017
Ticonderoga	★★★★★	

Brands [955]

Name

- 126gsm Nine Dragons Kraft paper  
Other
- 1818 FSC  
Greyboard (1500)
- 1818 PEFC  
Greyboard (1500)
- 40# Norpac Norbrite PEFC  
Uncoated
- 45# Sebago IV Cream PEFC  
Uncoated
- 80# Cover Mohawk Via Felt PEFC  
Uncoated
- 80# Text Mohawk Via Felt Bright White PEFC  
Uncoated
- AA  
Uncoated (70 - 140)
- Accent Opaque FSC (Ticonderoga)

**Filter Brands**

My Brands: All

Brand:

Mill / Group:

Country: All

Certification: All

Type: All

Graded At Least: All

Graded At Most: All

Status: Active

Grading Status: All

Discontinued: No

Reset View

Mohawk Fine Papers Inc.

Thatoom  
Aa

Ticonderoga



# ACCESS

**Filter Brands**

Advanced Search

Description

Search for papers with a specific phrase present in their description.

Technical Search

Weight

Search for a weight range in the units of your choice. To limit by a specific value leave the second field blank.

Thickness

Search for a thickness range in the units of your choice. To limit by a specific value leave the second field blank.

Opacity

Search for an opacity range in percent. To limit by a specific value leave the second field blank.

Whiteness

Search for a whiteness range in percent. To limit by a specific value leave the second field blank.

Brightness

Search for a brightness range in percent. To limit by a specific value leave the second field blank.

Gloss

Search for a gloss range in percent. To limit by a specific value leave the second field blank.

Moisture

Search for a moisture range in percent. To limit by a specific value leave the second field blank.

PCW

Search for a range of Post Consumer Waste in percent. To limit by a specific value leave the second field blank.

Measurement System

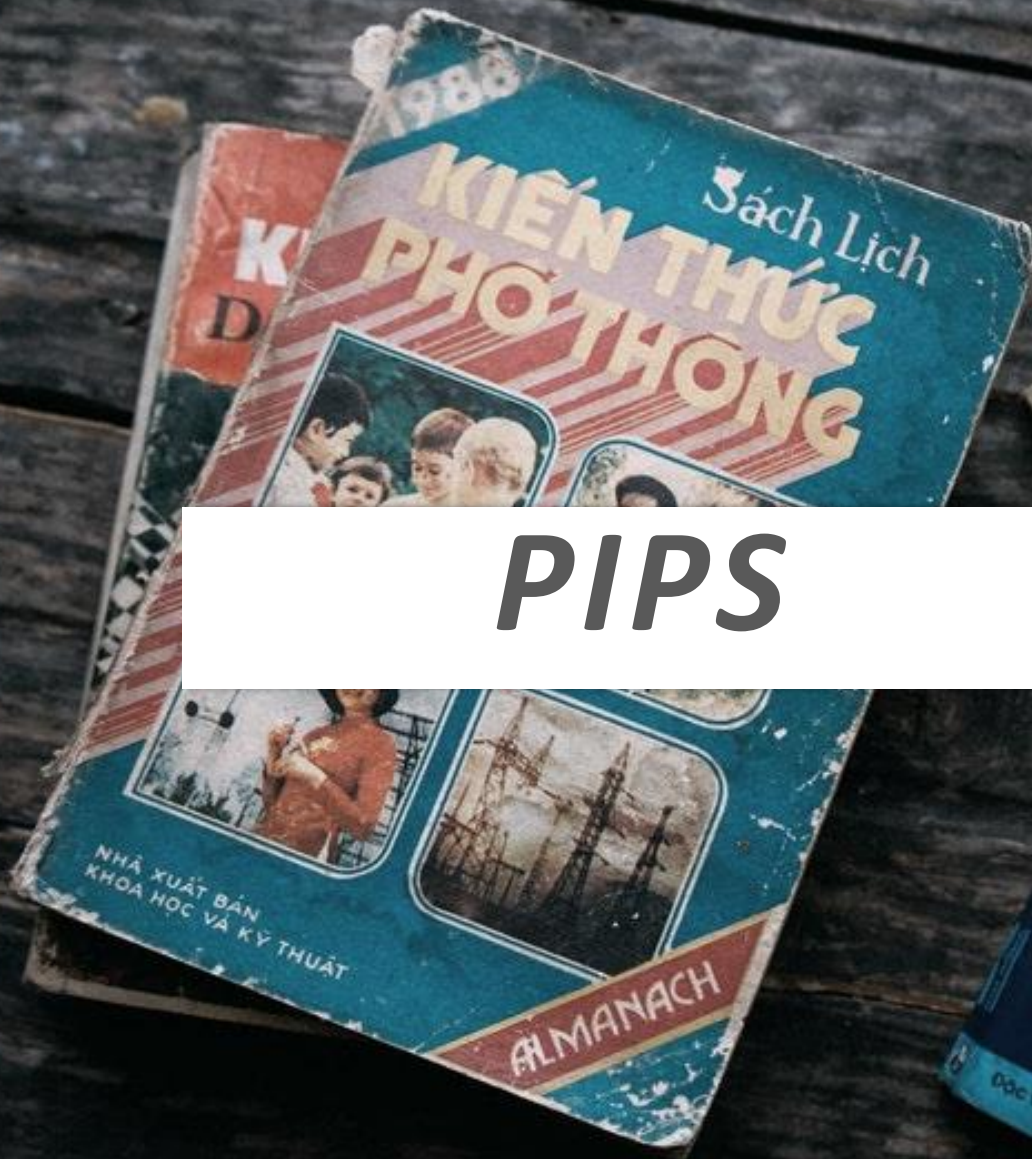
Search for brands using a specific measurement system.

Reset View

Mohawk Fine Papers Inc.

country  
China  
Italy  
Italy  
JSA  
JSA  
JSA  
JSA  
JSA  
Thailand

PIPS



# BACKGROUND - STRENGTHENING LEGISLATION

EU

## Toy Safety Directive 2009

**Scope:** Books designed for use in play by children under 14 years of age

**Requirements:**

- Technical file (list of components and materials)
- Bans/limits on use of certain substances

## EU REACH 2007

**Scope:** Controls use of chemical substances in consumer products

**Requirements:** 45 days to declare which, if any, SVHCs are used when requested by consumer

US

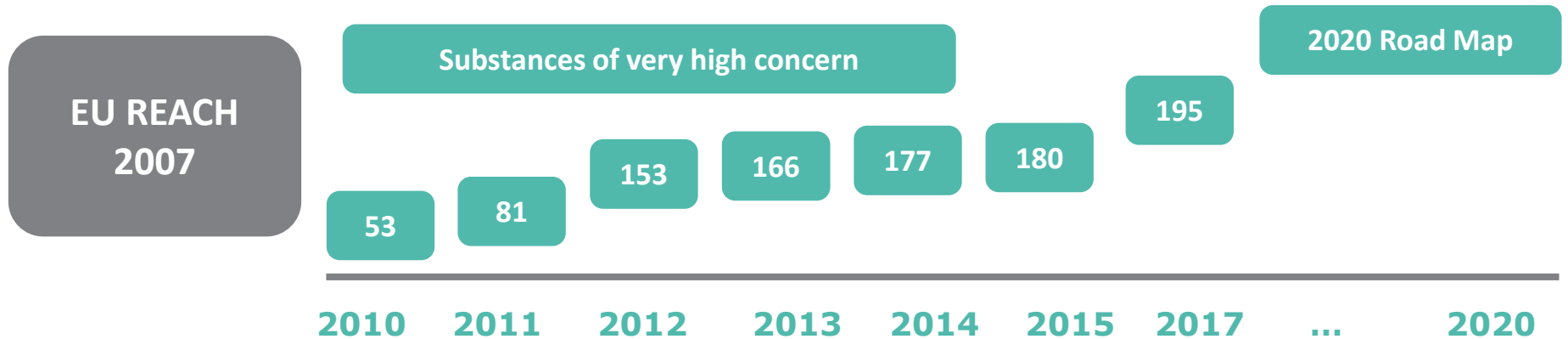
## CPSA 2008

**Scope:** Controls use of chemical substances in consumer products

**Requirements:** Several states have their own lists of priority substances - some with requirements, some not

# WHAT IS PIPS APPROACH

High concern substances are continually being identified and added to legislative lists



Old approach

Declare what's NOT used

New approach

Declare ALL substances and screen against legislation

*Testing still plays a role but burden is reduced by using PIPS*

# IDENTIFYING “OF CONCERN” SUBSTANCES

## EU

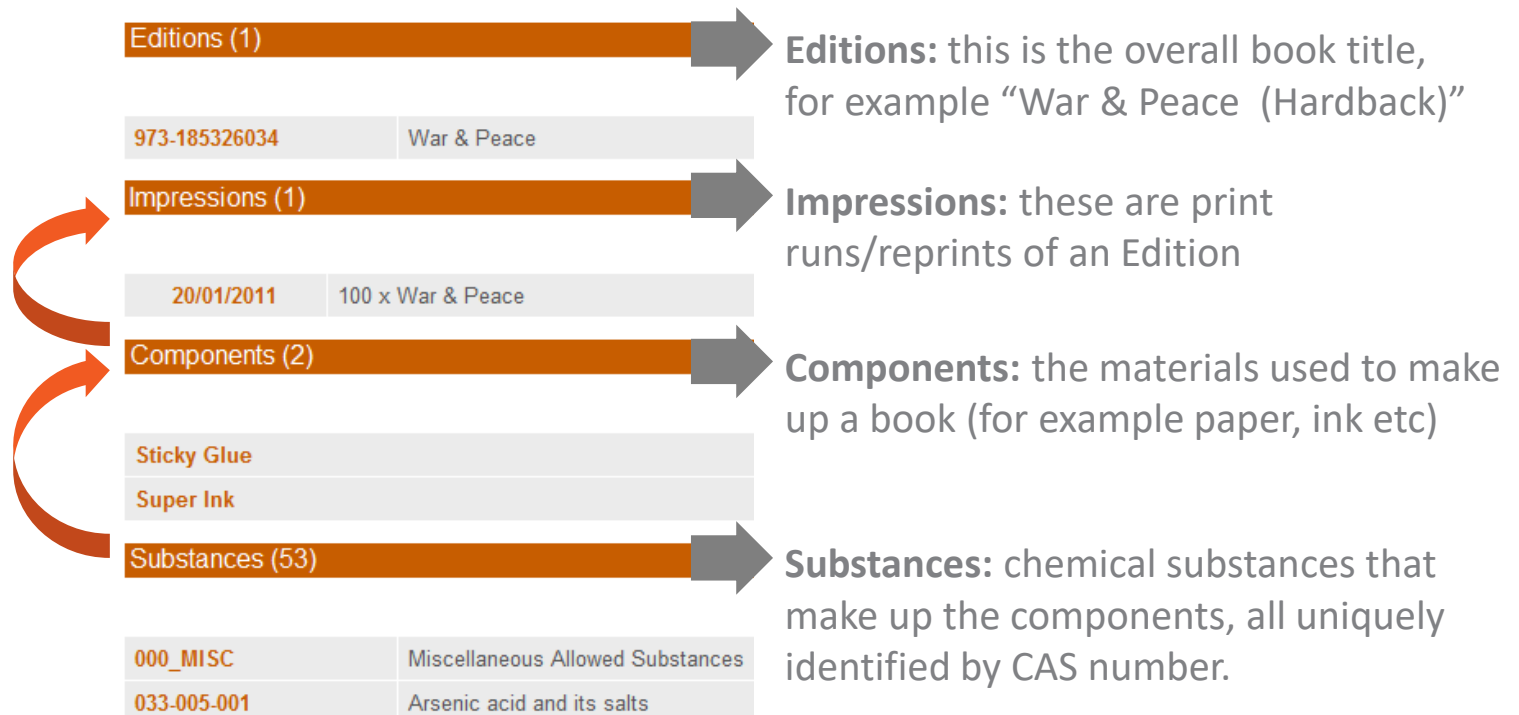
## United States

Allowed		
Watchlist	REACH - Community rolling action plan (CoRAP)	Minnesota Toxic Free Kids Act List
	CMRs List	Maine TCCPA - High Concern Chemicals
Notify Authorities		Washington/Vermont List of CHCCs
Label Product		Maine TCCPA - Priority Chemicals
Potential SVHC	Proposals to the Candidate List/to be Restricted	California Proposition 65
SVHC	REACH - Candidate List	
Banned	Substances subject to authorisation: Annex XIV	Consumer Product Safety Improvement Act
	REACH - Annex XIV	
	TSD Allergenic Fragrances	
	Annex XVII (relevant to PIPS)	
Unknown		
Avoid		Prop 65: Usage not advised following assessment by chemical safety expert

# LOGIC BEHIND PIPS

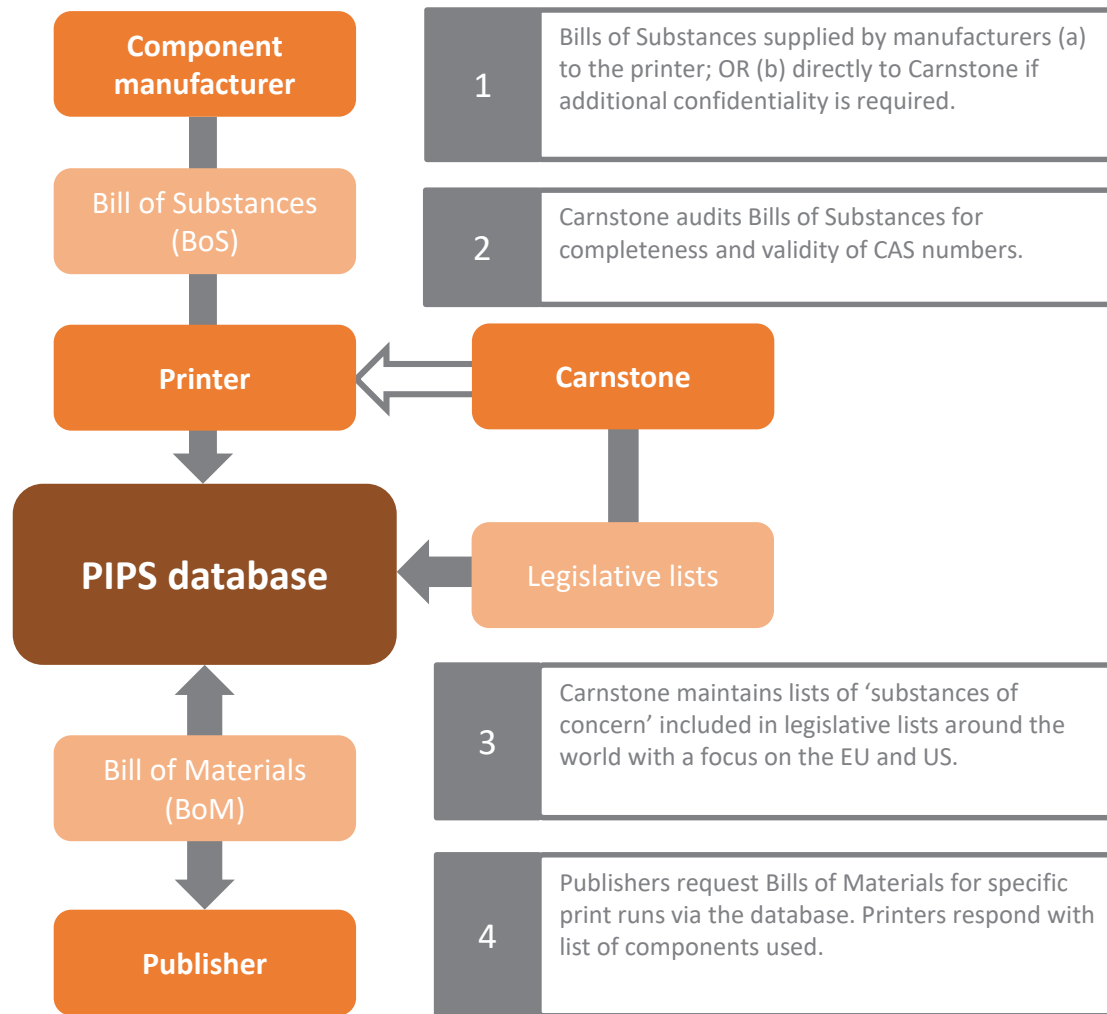
The PIPS database is structured using the following hierarchy:

All these are linked within the PIPS database to generate a full Impression





# LOGIC BEHIND PIPS



# COMPONENTS



Example Printer Su

Home [Browse](#) Bulletins Events Help

[PREPS >](#) [PIPS >](#) [Impressions](#) [Components](#) [Substances](#) [Legislations](#) [Testing](#)

Components [35]

[FILTER](#) [DOWNLOAD](#) [NEW](#) [UPLOAD](#)

ID	Name	Type	Category	Manufacturer	Modified	
3875	656 <span>▲</span>	Ink	Core	16	26 Oct 2016	0 <span>✕</span>
4259	Adhesive 1 <span>▲</span>	Adhesive	Core	Manufacturer 1	6 Apr 2017	0 <span>✕</span>
549	Example black ink	Ink	Core	Example manufacturer	8 Jan 2015	14
3119	Example black ink 2	Ink	Core	Example manufacturer	6 Jul 2016	4
3120	Example board 2	Paper / Board	Core	Example manufacturer	9 Mar 2018	1
4908	Example Brand FSC	Paper / Board	Core	Example Mill <span>✳</span>	12 Jan 2018	1
5012	Example Brand	Paper / Board	Core	Example Mill <span>✳</span>	15 Mar 2018	0
4338	Example Brand	Paper / Board	Core	Example Mill <span>✳</span>	8 May 2017	3
5013	Example Brand	Paper / Board	Core	Example Mill <span>✳</span>	15 Mar 2018	0 <span>✕</span>
674	Example cyan ink	Ink	Core	Example manufacturer	28 May 2012	16
2186	Example Fabric	Fabric - Felt	Touch/Feel	Example manufacturer 2	28 Apr 2015	3
3659	Example fabric 2 <span>▲</span>	Fabric - Plush	Touch/Feel	test manufacturer	13 Sep 2016	0 <span>✕</span>



# BILL OF MATERIAL (BOM)

Impression Details

ID	6978
Publisher	Example Publisher <span>★</span>
Reference	987
Shipping Date	26 Jan 2015

Editions (1)

Name	Quantity
Hello Dad	10000 <span>✕</span>

Update History

Created	26 Jan 2015	Example Publisher Super User 2 <span>★</span>
Sent	21 Apr 2015	Example Publisher Super User 2 <span>★</span>
Estimated Return	2 Feb 2015	
Returned	28 Apr 2015	Francis Mimmack
Accepted	16 Mar 2016	Example Publisher Super User 2 <span>★</span>

Test Certificates 🔍

Tested	Certificate	Components
1 Mar 2012	123456789	549, 674, 676, 575, 675, 548

Weight 🔍

Weight 250.00 g

Comments 🔍

Download Add

## Components

100.00% Documented. 🔍

ID	Name	Type	Category	% <span>🔍</span>
575	Example paper	Paper / Board	Core	32.00%
548	Golden Sun Uncoated W/F (Yanzhou Tianzhong Paper Industry Co., Ltd.)	Paper / Board	Core	30.00%
550	Example glue	Adhesive	Core	14.00%
677	Example foil	Foil	Core	10.00%
2187	Example leatherette	Fabric - Leatherette	TouchFeel	3.00%
2186	Example Fabric	Fabric - Felt	TouchFeel	3.00%
2188	Example velcro	Fabric - Velcro	TouchFeel	3.00%
549	Example black ink	Ink	Core	2.00%
676	Example magenta ink	Ink	Core	1.00%
674	Example cyan ink	Ink	Core	1.00%
675	Example yellow ink	Ink	Core	1.00%

## Substances

108.64% Documented. 🔍

CAS Number	Name	Max %
000_PRIVATE	Confidential Substances	14.14%
69996-01-4	Cellulose (pulp)	45.32%
471-34-1	Calcium carbonate	9.52%
25038-59-9	Polyethylene terephthalate	8.50%
000_NO-CAS	No CAS number / specific name given	6.00%
1332-58-7	Kaolin	3.00%
9003-07-0	Polypyrrolene	3.00%
55353-27-4	Vinyl acetate-crotonic acid-vinyl neodecanoate terpolymer	2.46%
8001-22-7	Soybean Oil	2.25%
64742-47-8	Distillates (petroleum), hydrotreated light	2.20%
8001-26-1	Linseed oil	2.20%
1317-65-3	Limestone	1.60%
7732-18-5	Water	1.60%
1333-86-4	Carbon black	1.50%
25085-39-6	acrylic acid, buta-1,3-diene, styrene	1.50%
9003-35-4	Formaldehyde, oligomeric reaction products with phenol	1.20%
9003-04-1	Acrylic Resin	1.00%
147-14-8	Phthalic Cyanide	0.75%
100-42-5	Styrene	0.30%
5281-04-9	Calcium 3-hydroxy-4-(4-methyl-2-sulphonatophenylazo)-2-naphthoate	0.25%
6388-85-6	Diazo Yellow	0.25%
7429-90-5	Aluminium powder (pyrophoric)	0.10%
56-04-2	Methylthiouacil	0.00%

# ADVANTAGES

- Avoid duplicate work to respond requests from different clients
- BoM in standard format
- Manage your own component list in an online system
- Stay informed of legislation updates and component safety status changes
- Safety status check on new components





***PRELIMS***

# PRELIMS CODE OF CONDUCT

## PRELIMS SUPPLIER CODE OF CONDUCT

### Introduction

**Prelims** is a collaboration of leading publishers who have been working together since 2003 to drive social and environmental responsibility in our product supply chain.

We now expect all our product suppliers to commit to working towards the Standards set out in this Code of Conduct.

### Code Implementation

#### 1 Publisher's Responsibility

1.1 We expect all publishers to assign management responsibility for implementation of our Code of Conduct

1.2 We expect all publishers to communicate our Code of Conduct internally and externally as well as provide relevant training to staff where necessary

1.3 We expect all the publishers to work together to ensure that shared suppliers will only have to undergo one social audit and one environmental audit against our Code of Conduct

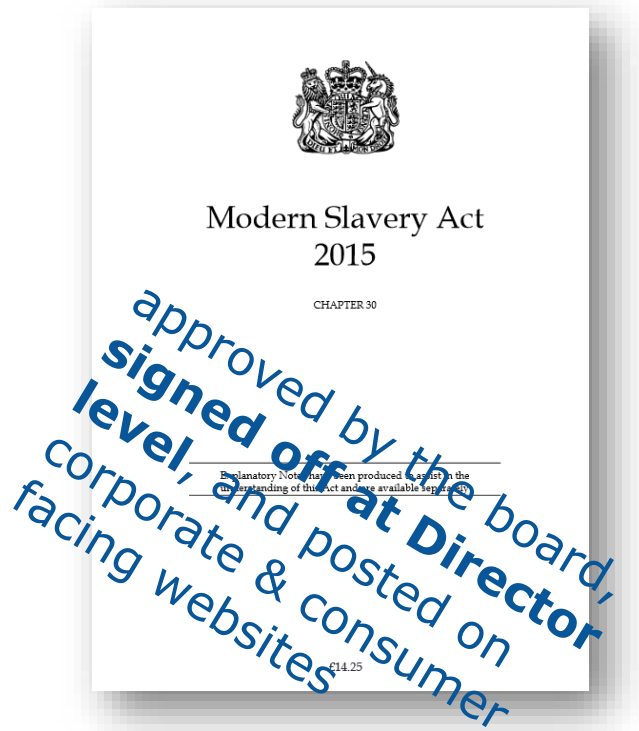
1.4 We expect publishers to take a risk based approach to managing suppliers. This means we will only ask suppliers deemed to be a medium or high risk to undergo a full social audit and/or a full environmental audit



Benchmarked and updated annually



# DRIVER: MODERN SLAVERY ACT



Requires all companies with an annual total turnover of more than £36m to produce a **Slavery & Trafficking statement** each year explaining the steps taken during the preceding year, to ensure that slavery and human trafficking is not taking place in **any of its supply chains, and in any part of its own business**

# DRIVER: INCREASED PUBLIC SCRUTINY

## Bangladesh workers protest as building collapse death toll passes 400

Thousands take part in May Day march in Dhaka and demand death penalty for Rana Plaza owner



Thousands of workers have marched through central Dhaka demanding better safety at work and the death penalty for the owner of the factory building that collapsed last week in the country.

The May Day protests came as officials confirmed that the death toll of the [Rana Plaza](#) complex had risen above 400. More

## Printer giant Lexmark fires Mexico factory workers demanding \$0.35 raise

Around 120 were let go from the Juárez Lexmark factory, suggesting collusion between the company and



**i** Marcos Godoy of Mexico City manufactures car dash mats in Ciudad Juárez, Mexico. Photograph: Ivan Pierre Aguirre/AP

## Disney factory faces probe into sweatshop suicide claims

Human rights campaigners say Chinese factories using children as young as 14 and that workers forced to do overtime



**i** A Sturdy Products' employee works to fulfil orders, for ranges that include Disney merchandise. But a

# DRIVER: GOVERNMENT CRACKDOWN

## Indian government declares Delhi air pollution an emergency

Capital's schools closed for three day  
pollutants reach level more than 16 ti



Young Indian runners take part in the New Delhi  
Dominique Faget/AFP/Getty Images

TH Polluting industries to be shifted outside city

HYDERABAD

### Polluting industries to be shifted outside city

N. Rahul

SHARE ARTICLE | f 9 | | |

1. Life Insurance for Seniors
2. GPS Vehicle Tracking

**ECO-FRIENDLY STEP**

The PCB identifies **1,545** industries for shifting, but **385 of them are already existing** beyond the ORR

Pharmaceutical companies contributing the most to pollution

EPTRI to do a feasibility study of the lands and submit a report to the government in a fortnight

Tobacco, chemicals, rubber and plastics, tanning and metal fabrication industries are the others

Lands are in rough terrain comprising hillocks, and also scattered in Medak, Ran Reddy and Mahabubna districts

## 海口顺达路印刷厂非法排污遭投诉 被顶格处罚10万元

来源：国际旅游岛商报 作者：王辉 时间：2017-01-04 13:15:00

### 《海口顺达路印刷厂非法排污遭投诉》后续

违法  
1月2  
体，某企  
即赶赴现  
下水管道  
仙河造成

Strong Enforcement of new Environmental Protection Law (2015) in China: Printing factory in Hainan was fined for water pollution

液  
立  
在  
月  
区

环保局执法人员现场对该厂负责人做《调查询问笔录》，并责令停止违法行为。

# PRELIMS – AUDIT SHARING PLATFORM

*Audits* - - - -



PRELIMS

SMETA

ICTI

WCA

SA 8000

- Printers upload the audits onto the prelims platform
- Printers own these audits so they have the power to choose which publishers they share them with
- Publishers manage their “supplier lists”
- Carnstone help printers with audits upload

# PRELIMS – ENVIRONMENTAL SELF ASSESSMENT QUESTIONNAIRE

	Water extraction and emission permits	External environmental certification	Waste water treated before discharge	Quality of waste water measured at final discharge point	Air extraction devices installed	GHG emissions measured
Printer 1	Green	Red	Red	Red	Red	Red
Printer 2	Green	Green	Green	Green	Green	Green

# ADVANTAGES

- Upload audit reports once and share with multiple clients
- Environmental performances self-assessment
- Access to useful resources on labour and environmental issues
- Involvement in future projects and receive continuous support







***UPDATES***

# PREPS

- Forest legislation
- Fibre testing:
  - Mill samples
  - Market samples
  - Finished books
- Instruction videos for mill users (English & Chinese)



A World Resources Institute website

Search WRI GO

Tools & Guides

# FOREST LEGALITY INITIATIVE

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## U.S. Lacey Act

< LAWS

**Where is it in Effect?:**  
[North America](#)

The Lacey Act is a 1900 United States law that bans trafficking in illegal wildlife. In 2008, the Act was amended to include plants and plant products such as timber and paper. This landmark legislation is the world's first ban on trade in illegally sourced wood products.

There are two major components to the plant amendments: a ban on

# PIPS

- Access to legislation tab
- Publishers start to mainstreaming the test certificates
- Printer briefing notes
- Instruction videos for printer users (English & Chinese)

### Book Chain Project Database: Instructions for Printers

**Logging on**

The Book Chain Project database is web-hosted and can be accessed through your browser at [www.bookchainproject.com](http://www.bookchainproject.com).

The login is in the top right hand corner of the screen. Click the "login" button and enter your email address and password. Contact [info@bookchainproject.com](mailto:info@bookchainproject.com) if you do not have an account.

Click the "logout" button in the same place to log out of the database.

**Your area on the database**

**Setting up your email preferences...**

Turn on your alerts to get email notifications

**Turning on your email alerts:**

- Click on your name on the home screen to see your user profile.
- Click "Edit"
- Select "All" for the 'Impression Alerts' to receive alerts when an impression is sent by a customer.
- Tick the box next to "Component Alerts" to receive alerts when a component is audited by **Carnstone**.

### How to create a new component

**Create a Component:**

- 1) Click on the "Browse" tab and go to "PIPS" and then to "Components".
- 2) Click the "New" button.
- 3) Fill in the component detail including name, type, manufacturer, country of manufacture, vegan, gluten free and MSDS (Material Safety Data Sheets). Unless the substance breakdown is not to be displayed to the publisher (N.B. publishers usually require this information) please select "None" in the privacy details.
- 4) Click "Create"

**Component Details**

**Note:** If you are creating a Paper/ Board component, please make sure to double check with your paper mill supplier to see if this brand exists in the Forest Sources (PREPS) database. If yes, start typing the brand name and choose from the drop down list to link the component to the paper brand. If not, type in the paper brand information to create a new brand. (See the picture on the right above)

**Add the substances used in the component**

- 1) Start typing the CAS number in the box and choose from the list of CAS numbers on the drop-down list. If the CAS number isn't on the list, keep typing the CAS number and complete the substance name box. The ECHA database (<https://echa.europa.eu/>) can be used to check the CAS number and name.

**Substances**

0.00% Documented

CAS Number	Name	Min %	Max/Exact %
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Callouts for the substances table:
 

- Click on the plus to add the substance to the BOM
- Select the CAS number – Carnstone checks the CAS number in the audit.
- Add in the % of the substance in the component – either the exact amount on the right or a min-max range using both fields

**Add any test certificates for the component**

- 1) Choose tests from the drop down menu. Be sure to add all the relevant tests for the component. N.B. these must be relevant to the exact component, i.e. not just a similar component.

**Testing**

Test	Test Certificate	Tested	Expires
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Callouts for the testing table:
 

- Click on the plus to add the testing to the BOM
- Drop down menu of safety testing
- Upload your test certificate
- Input the test certificate number
- Date it was tested
- Date this test is valid until

# PRELIMS

- Modern Slavery Act online webinar for suppliers
- Labour agency checklist
- Social insurance project
  - Social insurance online manager webinar
  - 12-min drama film for worker education
  - City guide website







# ***DISCUSSION***

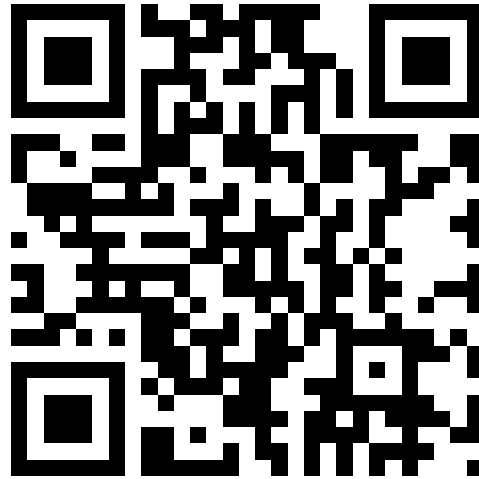
# ADVANTAGES

- Any questions on the database and updates?
- What would you like to see and share in the system?
- Any suggestions for the Book Chain Project?





# YOUR FEEDBACK IS VALUED





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[www.carnstone.com](http://www.carnstone.com)