

What is

# bookDAPer?



GREENING BOOKS  
EMAS



EU Ecolabel  
printed paper

The handbook for good eco-publishing. A guide to eco-publishing, eco-design and good practice in the publication sector.  
Greening Books, 2012  
© Enter GfL

Environmental data, information, and assurance certificates of the companies

Design STAPLE		EMAS ISO 14001 ISO 14008		
Printing LEITZ		EMAS ISO 14001		
Printing Enter GfL		EMAS ISO 14001 ISO 14008 FSC Eco		

Materials - Environmental certificates of paper used

Blue Angel		Green-recycled for 100% recycled paper (weight classes 80g, 102, 116)
FSC recycled		European Union certified for copying and graphic paper
Green paper		Paper made of 100% recycled material

ECOLOGICAL PRICE CHECK

Publication number 101	Custom edition 10 (100 kg)	Weight category 10	Print technology L2	Single copies 120	Run length 41.718	Run length consumption 16
117	1.999	208	120	12	4.726	16

\* Based on environmentally adapted comparison to a similar (conventional) publication

# What is the bookDAPer tool?



Until 31 December 2013, the bookDAPer tool will be in testing and improvement phase. Until then, the affiliation of any company and the use of the tool will be FREE !

At the framework of **GREENING BOOKS** ([www.greeningbooks.eu](http://www.greeningbooks.eu)) project it has been developed the **bookDAPer** application ([www.bookdaper.eu](http://www.bookdaper.eu)), which is a **software tool** that allows you to generate the **bDAP ecolabel of your print format publications**.

**BookDAPer** allows **editors, designers and printers of print format publications generating and obtaining the bDAP ecolabel** for their publications. The ecolabel can be included in the publication in order to inform readers about the environmental performance of that specific book or magazine.

The **bDAP ecolabel** is a simplified **Environmental Product Declaration (EPD)** that calculates and shows the environmental performance of the publication **always in the same way and always applying the same rules and criteria**.

The **bDAP ecolabel** consists of **four** different **sections**:

- **Environmental management:** all the **environmental certificates that companies** involved in edition, design and/or printing of paper publications have are indicated.
- **Materials - Paper -:** it collects the **environmental certificates** of the **paper** used.
- **Good practices:** all the verified good environmental practices of companies that have been involved in the edition, design and/or printing of the publication.

- Finally, the **Ecological rucksack:** the results of the calculation of the following environmental indicators related to the life cycle of the assessed publication are presented: carbon footprint (g CO<sub>2</sub> eq.), generated wastes (g), water (L), energy (kJ) and raw materials (g) consumption.

The content of each of these four sections of the bDAP ecolabel is under the supervision and control of the **bookDAPer's System verification team** in order to guarantee the veracity and the correctness of the information declared by the companies that use the System.

The bDAP ecolabel is an **environmental communication and recognition instrument** that on one hand, aims to reward the effort in matters of ecoedition and to help in the continued environmental improvement of the companies involved in edition, design and/or printing of paper publications. On the other hand, to raise the readers' awareness and inform them with more objectivity in order to stimulate the demand of more environmental friendly publications.

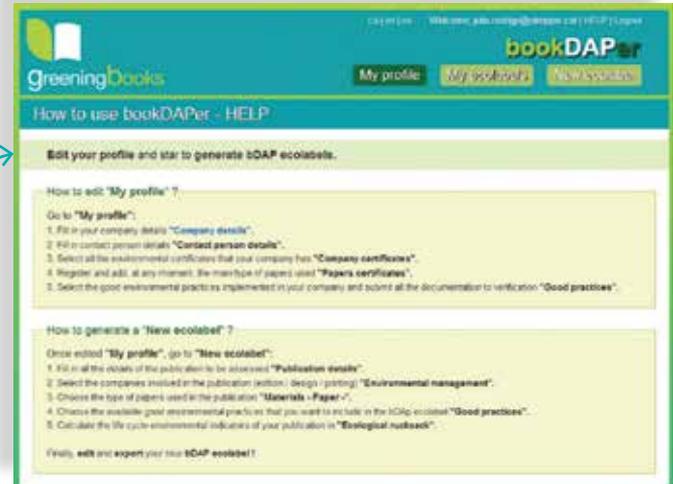
From January 1, 2014 on, the affiliated to the bookDAP System companies will have to pay an annual fee to continue using this tool.

# How to use the bookDAPer tool?

## 1. Affiliate to the bookDAP System

Go to [www.bookdaper.eu](http://www.bookdaper.eu) and **affiliate** your company to the **bookDAP System**. You only have to fill in the **membership application** and send it. Once you receive your access key (user/password), you will have full access to the **bookDAPer** tool and you can start generating **bDAP ecolabels** for your print format publications.

Until **31 December 2013**, the affiliation of any company and the use of the tool will be **FREE!**



Your company can be **affiliated to the bookDAP System** and enjoy all the rights and advantages of the System or it can be **included**. Being included is free and it entails you will take part of the database of companies of the bookDAPer tool: other affiliated companies can mention and include you in their bDAP ecolabels as an editor, designer and/or printer of their publications, **showing your company's environmental certifications**. To include your company in the bookDAP System you only need to fill in the **inclusion application** and send it. Once you receive your access key (user/password), you will have access to the **bookDAPer** tool and you can **Edit your profile**.

## 2. Edit your profile

Once affiliated and logged in, first **edit your profile** and then start to generate your **bDAP ecolabels**. How to edit “My profile”? Go to **“My profile”**:

2.1. Fill in your company details **“Company details”**.

2.2. Fill in contact person details **“Contact person details”**.

2.3. Select all the environmental certificates that your company has **“Company certificates”**. Indicate in each certificate its certificate code or number. Upload your own logos in case you want that they appear in the bDAP ecolabel.



The screenshot shows the 'Edit your profile' page with the 'Company details' tab selected. The form includes fields for Name, Address (Street, City, Postal code, Country), Phone, Email, and Website. There are 'Cancel' and 'Save' buttons at the bottom.



The screenshot shows the 'Edit your profile' page with the 'Paper certificates' tab selected. It displays a table of environmental certificates with columns for 'Certificate', 'Description', and 'Logo'. Below the table, there are instructions and a 'Cancel' button.

Certificate	Description	Logo
<input type="checkbox"/> Blue Angel	German standard for ISO 14001 certified paper based on the FSC® C02 rule	<input type="text"/>
<input type="checkbox"/> Blue Angel	German standard for printing and publishing based primarily on the water paper based on the FSC® C02 rule	<input type="text"/>
<input type="checkbox"/> Blue Angel	German standard for printing and publishing based primarily on the water paper based on the FSC® C02 rule	<input type="text"/>
<input type="checkbox"/> Green	Canadian standard for printing and publishing based on the FSC® C02 rule	<input type="text"/>
<input type="checkbox"/> Nordic Swan	Swedish standard for printing and publishing	<input type="text"/>

2.5. Select the **“Good environmental practices”** implemented or applied in your company. Submit to verification each good practice following the procedure provided in each case. Once they have been verified, you can include them in your bDAP ecolabels.



The screenshot shows the 'Edit your profile' page with the 'Company certificates' tab selected. It displays a table of environmental certificates with columns for 'Certificate', 'Description', 'Certificate code or number', and 'Logo'. Below the table, there are instructions and a 'Cancel' button.

Certificate	Description	Certificate code or number	Logo
<input type="checkbox"/> Blue	Environmental Management System	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> ISO 14001	Environmental Management System	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> ISO 14001	Environmental Management System	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> FSC C02	FSC Chain of Custody	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> FSC C02	FSC Chain of Custody	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> ISO 9001	Quality Management System	<input type="text"/>	<input type="text"/>



The screenshot shows the 'Edit your profile' page with the 'Good environmental practices' tab selected. It displays a table of good environmental practices with columns for 'Practice', 'Verification procedure', and 'Verified?'. Below the table, there are instructions and a 'Cancel' button.

Practice	Verification procedure	Verified?
<input type="checkbox"/> Greenhouse gas footprint	Testing	No
<input type="checkbox"/> Forest management plan	Testing	No
<input type="checkbox"/> Forest management plan	Testing	No
<input type="checkbox"/> Water footprint	Testing	No
<input type="checkbox"/> Water footprint	Testing	No
<input type="checkbox"/> Greenhouse gas footprint	Testing	No

### 3. Generate bDAP ecolabels

How to generate a “New ecolabel” ? Once edited “**My profile**”, go to “**New ecolabel**”:

- 3.1.** Fill in all the **details of the publication** to be assessed and create the new ecolabel. Fill in and edit in the table “**My ecolabels**”, by clicking on the symbols 🟡 and 🟢, the four sections of each bDAP ecolabel: **Environmental management**, **Materials - Paper -**, **Good practices** and **Ecological rucksack**.

Greening Books | Welcome, joko.vandergaaf@tempus.nl (18.0.17) | bookDAPar

My profile | My ecolabels | New ecolabels

#### My bDAP ecolabels

1) Fill in and edit in the table the four sections of each bDAP ecolabel by clicking on the following symbols:  
🟡 "Pending" completion section.  
🟢 "Completed" section.

2) Select the sections and the information that you would like to include in your bDAP ecolabel (PDF file)

or show them all

Publication	Code	Registry num.	Environmental management	Materials - Paper -	Good practices	Ecological rucksack
16 REINETA	1204307A	1CAP17	🟢	🟢	🟢	🟢
11 LUBRE	9123456789-123	1CAP16	🟢	🟢	🟢	🟢

🟡 Pending 🟢 Completed

Greening Books | Support | LEITAT | el tinter | simple |

## 3.2. Select and add the companies involved in the publication (edition / design / printing) **“Environmental management”**.

The screenshot shows the bookDAPer website interface. At the top, there is a navigation bar with the GreeningBooks logo on the left and the bookDAPer logo on the right. Below the logos are three buttons: "My profile", "My activities", and "New activities". The main content area is titled "Environmental management" and contains the text "Environmental certificates of the companies involved in this publication (edition / design / printing)". Below this, there is a section titled "Select and add the companies involved in this publication (edition / design / printing)". This section contains two dropdown menus: "Activity" with "Design and Printing" selected, and "Company" with "E-Timer SAL" selected. To the right of these dropdowns is an "Add" button. Below the dropdowns, there is a table titled "Environmental certificates of the selected company". The table has two columns: "Certificates" and "Description". The table lists three certificates: ISO 14001, ISO 14001, and FSC CnC. Below the table, there is a section titled "Environmental certificates of the companies involved in this publication (edition / design / printing)". At the bottom of the page, there are two buttons: "Back to 'My activities'" and "Go to 'Materials' - Page 1/14".

Activity: Design and Printing

Company: E-Timer SAL

Add

Certificates	Description
ISO 14001	Environmental management system
ISO 14001	Environmental management system
FSC CnC	FSC chain of custody

Back to "My activities" | Go to "Materials" - Page 1/14

### 3.3. Choose and add from your database the type of papers used in your publication “**Materials - Paper -**”.



The screenshot shows the 'bookDAPer' website interface. At the top left is the 'GreeningBooks' logo. The top right contains user navigation links: 'My profile', 'My publications', and 'My projects'. The main heading is 'Materials - Paper -' with a subtitle 'Environmental certificates of the main materials - papers - of the publication.' Below this is a light green instruction box: 'Choose and add from your database the type of papers used in your publication.' A 'Papers' section shows a search bar with 'Green paper' entered, an 'Add' button, and a link to 'or register a new paper'. A table titled 'Environmental certificates of the paper' lists three certificates: 'Blue Angel', 'EU ecolabel', and 'FSC 100% recycled'. At the bottom, there are three buttons: 'Go to "Environmental management"', 'Back to "My website"', and 'Go to "Good practices" »'.

GreeningBooks

bookDAPer

My profile My publications My projects

Materials - Paper -

Environmental certificates of the main materials - papers - of the publication.

Choose and add from your database the type of papers used in your publication

Papers Green paper  or register a new paper

Environmental certificates of the paper

Certificates	Description
Blue Angel	German ecolabel for 100% recycled paper (award criteria NAL-UZ 54)
EU ecolabel	European Union ecolabel for copying and graphic paper
FSC 100% recycled	Paper made of 100% recycled material

Environmental certificates of the paper used in this publication

Go to "Environmental management" Back to "My website" Go to "Good practices" »

### 3.4. Choose the available good environmental practices that you want to include in the bDAP ecolabel “**Good practices**”.



The screenshot shows the 'Good practices' section of the bookDAPer website. At the top, there is a navigation bar with the 'greeningbooks' logo on the left and the 'bookDAPer' logo on the right. Below the navigation bar, there are three buttons: 'My profile', 'My publications', and 'New publications'. The main content area is titled 'Good practices' and includes a sub-header: 'Verified good environmental practices of the companies involved in the edition, design and printing of the publication.' Below this, there is a instruction: 'Choose the available good environmental practices that you want to include in the bDAP ecolabel of this publication.' The main part of the interface is a table with the following structure:

Good practice	Companies involved in this publication		
	SAMPLE - Design -	LEITAT - Edition -	El Tinter SA, - Printing -
<input checked="" type="checkbox"/> Gramatge de paper optimitzat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Format de pàgina ajustat a les dimensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Memes de paper reciclats amb a subproductes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Tintes amb oli vegetal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Ús de topografies poc denses per estalviar tinta	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Ús de planxes de trames estocàstica per estalviar tinta	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**3.5.1.** Calculate the life cycle environmental indicators of your publication in the last section of the table “**My ecolabels**” called “**Ecological rucksack**”. Fill in and provide the following data of the publication to be assessed: **general data** (Step 1), **format** of the publication (Step 2) and **printing process** (Step 3).

**3.5.2.** Select the **indicators** (Step 4) to be calculated and after that display and analyse the **results** (Step 5) of the assessment.

GreeningBooks bookDAPer

My profile My ecopoints New ecopoints

Ecological rucksack

Calculation of the ecological rucksack of the publication

Start Step 1: General data Step 2: Format Step 3: Printing **Step 4: Indicators** Step 5: Results

Selection of the environmental indicators to be calculated

Download all

Indicator	Unit
<input type="checkbox"/> Carbon footprint	g CO <sub>2</sub> eq
<input type="checkbox"/> Waste production	g
<input type="checkbox"/> Water consumption	L
<input type="checkbox"/> Energy consumption	kWh
<input type="checkbox"/> Raw materials consumption	g

Assumptions for rucksack calculation

<< Previous step Next step >>

GreeningBooks bookDAPer

My profile My ecopoints New ecopoints

Ecological rucksack

Calculation of the ecological rucksack of the publication

Start Step 1: General data Step 2: Format Step 3: Printing Step 4: Indicators **Step 5: Results**

Results of the calculation of the environmental indicators of the publication

Graphics Numeric

Significance assessment 25% 50% 75% Update

Switch to:  Integer  Percentage

Download all

	Carbon footprint g CO <sub>2</sub> eq	Waste production g	Water consumption L	Energy consumption kWh	Raw materials consumption g
<b>TOTAL</b>	176	188	25	2413	128
Raw materials	176	188	25	2413	128
Papers	104	141	15	1280	100
...	72	47	10	1133	28

GreeningBooks bookDAPer

My profile My ecopoints New ecopoints

Ecological rucksack

Calculation of the ecological rucksack of the publication

Start Step 1: General data Step 2: Format Step 3: Printing Step 4: Indicators **Step 5: Results**

Results of the calculation of the environmental indicators of the publication

Graphics Numeric

Sort:  Original order  Ascending order  Descending order

Carbon footprint (g CO<sub>2</sub> eq)

Item	Value	Percentage
Raw materials	176	100%
Papers	104	59%
...	72	40%
Waste production	188	100%
Water consumption	25	100%
Energy consumption	2413	100%
Raw materials consumption	128	100%

# 4. Export to PDF your bDAP ecolabel



## 4.1. Finally, edit and export your new bDAP ecolabel!

Select the sections and the information that you would like to include in your bDAP ecolabel and after that export it to PDF format (PDF file)

1) Fill in and edit in the table the four sections of each bDAP ecolabel by clicking on the following symbols:  
 - "Pending" completion section  
 - "Completed" section

2) Select the sections and the information that you would like to include in your bDAP ecolabel (PDF file)

Filter ecolabels or show them all

Publication	Code	Registry num	Environmental management	Good practices	Energy consumption	Export to PDF
LA400074	124-561A	ICAF47	Completed	Completed	Completed	Completed
SL12049C	123-34-9189-12-3	ICAF46	Completed	Completed	Completed	Completed

Legend: Pending (orange circle), Completed (green circle)



GREENING BOOKS  
bDAP 46



EU ecolabel  
printed paper

The handbook for good eco-publishing. A guide to eco-publishing, eco-design and good practices in the publication sector. Greening Books, 2013. El Tinter SAL.

ENVIRONMENTAL MANAGEMENT - Environmental certificates of the companies

Design SMPPLE		EMAS ISO 14001 ISO 14006		
Edició LEITAT		EMAS ISO 14001		
Printing El Tinter SAL		EMAS ISO 14001 ISO 14006 FSC CoC		

MATERIALS - Papers - Environmental certificates of papers used:

Green paper	Blue Angel		German ecolabel for 100% recycled paper (award criteria RAL-UZ 14)
	EU ecolabel		European Union ecolabel for copying and graphic paper
	FSC 100% recycled		Paper made of 100% recycled material

GOOD PRACTICES - Verified good environmental practices of the companies

	SMPPLE	LEITAT	El Tinter SAL
	- Design -	- Edició -	- Printing -
Format de pàgina ajustat a les dimensions	■		■
Tintes amb olis vegetals			■
Ús de planxes de trama escocèsica per establir tinta			■
Acords Voluntaris de Reducció d'Emissions		■	■

ECOLOGICAL RUCKSACK - Calculation of the ecological rucksack of one unit of the publication

Publication mass (g)	Carbon footprint (g CO <sub>2</sub> eq.)	Waste production (g)	Water consumption (L)	Energy consumption (kWh)	Raw materials consumption (g)
317	1,908	236	125	41,715	1,541
Savings*	97	12	13	2,124	76

\* Saved environmental impact compared to a similar common publication.

The **bDAP ecolabel** and its information can be included in the own publication in order to inform readers about the environmental performance of that specific publication.



greeningbooks

*With the contribution of the LIFE financial  
instrument of the European Community*



[www.greeningbooks.eu](http://www.greeningbooks.eu)

**LEITAT**  
Technological Center  
member of **TECNIO**

**el tinter**  
Comunicació

**simple**  
efficient solutions