

## ***EasternGraphics Product Documents***

### **pCon.basket Features<sup>1</sup>**

2013-08-22 [AKN]

**For more information (on already existing versions) see the History document.**

**Subject to change without notification or permission.**

## **pCon.basket 1.10**

### **Additional Module Taxation Schemes**

With the additional module Taxation Schemes in pCon.basket you can define country and region specific tax rates. The function was developed due to the special requirements in the office furniture market of France (Keyword: ECO-Contribution) but it also brings additional benefits for other countries which can now work with several VAT rates.

For activating the module you need an additional license for pCon.basket. If you are interested in this license please contact your local distribution partner.

### **Settings for the Taxation Schemes**

In the menu bar select *Edit → Project Settings ...* In the new window go to the tab *Calculation*. Under the category *Currency and Tax* select the country you want to do your offer for. The taxation scheme of this country will be used for the tax calculation. If you select a country which also differentiates its tax calculation by regions (e.g. USA), the property *Subdivision* is enabled and you can select the desired region (e.g. Texas).

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<sup>1</sup>

This feature summary contains new features since pCon.basket 1.9.



In some countries there can be several variants of taxation schemes. For example the calculation of the ECO-Contribution in France is only necessary for the furniture market. If you want to do an offer for products which are not liable for the ECO-Contribution, select the *default variant*. It only calculates the VAT for France. In case you want to show the ECO-Contribution on your quote select the variant *with ECO-Contribution*.

Project Settings

Address and Project Calculation Texts Currencies

Currency and Tax

Country: France

Subdivision: -- no specific region --

Variant: with ECO-Contribution

Currency: Euro (EUR)

Tax Rates: Value Added Tax standard\_rate 19.6 %

Reset

Rounding

Mode: half away from zero

Interval: 0,01 EUR

Figure 1: Project Settings with taxation scheme France

You can only select a currency if the tax scheme variant is not depending on a fixed currency. For example the display of the ECO-Contribution is fixed to Euro, since the tax rates are defined in Euro.

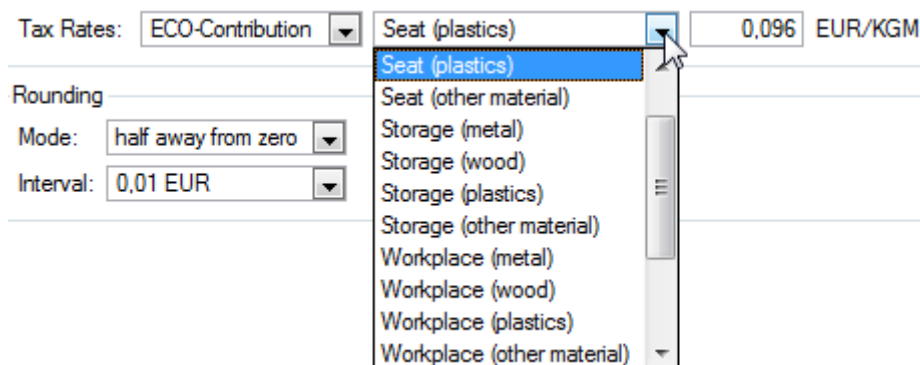
For checking or changing the tax rates you first have to select the tax type (e.g. ECO-Contribution) (see Figure 2). In the second selection list you now see the available tax categories (see Figure 3). Select the category you want to change the tax rate for. It will be displayed in the last field. You can now edit this value.

Tax Rates: ECO-Contribution Value Added Tax

Rounding: ECO-Contribution

Seat (plastics) 0,096 EUR/KGM

Figure 2: Selection of the tax type for France



**Figure 3: Selection of the tax category for France**

If you want to reset the tax rates of your currently opened project to the globally defined tax rates click the button *Reset*.

All settings mentioned above can also be done globally, so they will be preset for every new project. To do this go to *Extras* → *Settings* in the menu bar. In the category tree open the *Basket* entry and select *Currencies and Taxes*. With the button *Reset* in this dialogue you reset the tax rates to the values available in the pCon.basket installation.

### Calculation of the tax

The tax will be calculated automatically by pCon.basket according to the selected tax scheme. For this pCon.basket reads the tax category for every inserted article from the OFML data and uses the according tax rate. In case of the French ECO-Contribution pCon.basket also reads the net weight of the article from the OFML data to multiply it with the tax rate. The result of the calculation is shown in the tab *Article Calculation* (see Figure 4).

The tab *Header Calculation* shows the total of the calculated taxes.



Article Calculation						
	Description	Percent	Base	Absolute	Count	Total
<b>Base data</b>						
	Purchase Gross Price			300,00 EUR		1.500,00 EUR
	Vendor Discount	0,00 %	incr.	0,00 EUR		0,00 EUR
	Purchase Value			300,00 EUR		1.500,00 EUR
	Sales Price			300,00 EUR	5,00 x	1.500,00 EUR
<b>Discounts and additional charges</b>						
<input checked="" type="checkbox"/>	? Rabatt 1	0,00 %	incr.	0,00 EUR		0,00 EUR
<input checked="" type="checkbox"/>	? Rabatt 2	0,00 %	incr.	0,00 EUR		0,00 EUR
	Position Net Price			300,00 EUR		1.500,00 EUR
<b>Header discounts and additional charges</b>						
	Rabatt 1	0,00 %	incr.	0,00 EUR		0,00 EUR
	Rabatt 2	0,00 %	incr.	0,00 EUR		0,00 EUR
	Aufschlag 1	0,00 %	PNP	0,00 EUR		0,00 EUR
	Aufschlag 2	0,00 %	PNP	0,00 EUR		0,00 EUR
<b>Totals</b>						
	Net Total			300,00 EUR		1.500,00 EUR
	ECO-Contribution			14,92 EUR		74,60 EUR
	Value Added Tax	19,60 %		61,724 EUR		308,622 EUR
	Gross Total			376,644 EUR		1.883,222 EUR
	Margin	0,00 %		0,00 EUR		0,00 EUR

Figure 4: Article Calculation for an article liable for ECO-Contribution

**NOTE:** The ECO-Contribution can only be calculated for an article if all relevant information (tax category and net-weight) is maintained in the OFML data. If the information is not available, the tax is not shown and in the field *Gross Total* the value *???,?? EUR* is shown (see Figure 5). If you want to add the information for the ECO-Contribution calculation manually convert the article into a *user-defined article* and follow the steps shown below.

<b>Totals</b>						
	Net Total			1.353,60 EUR		1.353,60 EUR
	Gross Total			???,?? EUR		???,?? EUR
	Margin	0,00 %		0,00 EUR		0,00 EUR

Figure 5: The information for calculating the ECO-Contribution is not available in the OFML data



### Calculation of the tax for user-defined article

If you want the tax also to be calculated for user-defined articles or OFML articles, which don't have the tax information in the OFML data, you can maintain the required information in the tab *Texts/User-defined Articles*.

Below the entry for the *Article Number* you can now add the *Net Weight* of the article. Below the *Sales Price* you can select the tax category for every tax type. Only the tax types available in the selected country will be shown.

Visitorchair

1	Text ID	Text name	Language	Description
		Manufacturer Id	English	XY - Demo Factory
		Series Id	English	CH - Demo Chair
		Article Number	Base	DS-456
		Net Weight	KGM - kilogram	68,220
		Quantity		1,00
		Purchase Gross Price	EUR	250,00
		Sales Price	EUR	250,00
		ECO-Contribution		Seat (plastics) (0,096 EUR/KGM)
		Value Added Tax		Standard rate (19,6 %)
<input checked="" type="checkbox"/>	10	Short text	German	Visitorchair
<input checked="" type="checkbox"/>	20	Long text	German	
<input checked="" type="checkbox"/>	30	Variant text	German	
<input checked="" type="checkbox"/>	40	reserved (not for use at this mo	German	
<input checked="" type="checkbox"/>	71	Special Model Information	German	
<input checked="" type="checkbox"/>	@add	Additional text	German	

Article List

Configuration

Article Calculation

Header Calculation

Texts/User-defined Articles

Catalog Information

Figure 6: Maintenance of the tax information for a user-defined article

**NOTE:** Please note that pCon.basket only supports the calculation of the French ECO-Contribution according to the office furniture scheme, which was defined by Valdelia. The calculation according to the home furniture scheme defined by Éco-mobilier is not supported.



## Basket Views

In the Basket Views you now have the possibility to show specific characteristics of an article in user-defined columns. With the help of placeholders you can also show several characteristics of an article in one column. The following placeholders are available.

Placeholder	Description
<b>\$(SingleTax:&lt;tax-type&gt;)</b>	<p>Calculated single tax price of an article</p> <p>&lt;tax-type&gt; represents a valid tax type in the selected tax scheme. Currently the following are available</p> <ul style="list-style-type: none"><li>■ VAT</li><li>■ ECO_FR</li></ul> <p><b>Example:</b> \$(SingleTax:ECO_FR)</p>
<b>\$(TotalTax:&lt;tax-type&gt;)</b>	<p>Calculated total tax price of an article</p> <p>&lt;tax-type&gt; represents a valid tax type in the selected tax scheme. Currently the following are available</p> <ul style="list-style-type: none"><li>■ VAT</li><li>■ ECO_FR</li></ul> <p><b>Example:</b> \$(TotalTax:ECO_FR)</p>
<b>\$(TaxRate:&lt;tax-type&gt;)</b>	<p>Tax rate valid for this article</p> <p>&lt;tax-type&gt; represents a valid tax type in the selected tax scheme. Currently the following are available</p> <ul style="list-style-type: none"><li>■ VAT</li><li>■ ECO_FR</li></ul> <p><b>Example:</b> \$(TaxRate:ECO_FR)</p>
<b>\$(TaxCategory:&lt;tax-type&gt;)</b>	<p>Tax category valid for this article</p> <p>&lt;tax-type&gt; represents a valid tax type in the selected tax scheme. Currently the following are available</p> <ul style="list-style-type: none"><li>■ VAT</li><li>■ ECO_FR</li></ul> <p><b>Example:</b> \$(TaxCategory:ECO_FR)</p>



**\$(PackInfo:<pack-info-type><opt-unit-and-precision>)**

With this placeholder you can access the packaging information of the article

Via <pack-info-type> you can access a specific element of the packaging information. In detail these are:

- *Width*
- *Height*
- *Depth*
- *Volume*
- *TaraWeight* (Weight of the pack unit)
- *NetWeight* (Weight of the article)
- *ItemsPerPackUnit*
- *PackUnitsPerArticle*

<opt-unit-and-precision> is optional, so it can also be left empty. Otherwise you can control the unit <unit> and the precision <precision> of the displayed value.

If the field is empty the default unit will be either MTR (meter), MTQ (cubic meters) or GRM (gram) and full precision is used.

The following <unit> entries are available:

- Length:
  - MMT (millimeter)
  - CMT (centimeter)
  - DMT (decimeter)
  - MTR (meter)
  - INH (inch)
  - FOT (foot)
- Volume:
  - MTQ (cubic meter)
  - INQ (cubic inch)
  - LTR (liter)
- Weight:
  - MGM (milligram)
  - GRM (gram)
  - KGM (kilogram)
  - LBR (pound)

<precision> has to be an integer and defines the desired number of decimal places. The maximum number of decimal places is 16.

**Example:**

\$(PackInfo:NetWeight[KGM:1])



A user-defined column which shows all important information for the ECO-Contribution could be defined like the following:

**Edit Column**

Title: ECO-Contribution

Name: ECO-Contribution

Type: Text

☐ Default Column: <no default>

☒ Default Text:

Net Weight: \$(PackInfo:NetWeight[KGM:1])  
Category: \$(TaxCategory:ECO\_FR)  
Article: \$(SingleTax:ECO\_FR)  
Position: \$(TotalTax:ECO\_FR)

☐ Column Read Only

OK Cancel

**Figure 7: User-defined column for showing the ECO-Contribution**

The result would look like the following in the *Article List*:

	Position	Hersteller	Serie	Artikelnummer	Beschreibung	ECO-Contribution	Menge	EP	GP
1	1	XY	CH	Chair1	Visitorchair Position net price	Net Weight: 68,2 KGM Category: Seat (plastics) Article: 6,55 EUR Position: 6,55 EUR	1,00	250,00 250,00	250,00 250,00
2	2	XY	CH	Chair1	Swivelchair Position net price	Net Weight: 98,3 KGM Category: Seat (metal) Article: 9,44 EUR Position: 18,88 EUR	2,00	399,00 399,00	798,00 798,00
Document Gross Price: 1.048,00 EUR; Value of Goods: 1.048,00 EUR; ECO-Contribution: 25,43 EUR, VAT: 210,39 EUR; Final Amount: 1.283,82 EUR; Margin: 0,00 EUR (0,00 %)									
Article List Configuration Article Calculation Header Calculation Texts/User-defined Articles Catalog Information									

**Figure 8: User-defined column ECO-Contribution in the Article List**

**NOTE:** Please note, that the tax and packaging information can only be shown if they are maintained in the OFML data by the manufacturer.