

PIQET OVERVIEW



WHAT IS PIQET?

Rapid tool for environmental impact assessment of packaging systems

- ✓ Business ready
- ✓ Life Cycle Assessment (LCA) methodology
- ✓ Easy to use
- ✓ Extensive reporting
- ✓ Packaging specific

PIQET HISTORY

2006 Excel prototype

2007 Web-version (Sponsor access)

2008 Web-version released (Australia)

2009 New features – returnables

2009 PIQET Release 2.0

- Global platform

- Datasets – Western Europe, NZ, USA, China, Japan

2010 Ongoing development

Material

Select a sourcing location, then a category, then a material. Select OK when complete.

Location	Category	Material
Australia	Board	Aluminium Foil
China	Foam	Aluminium Rolled
EU	Glass	Steel
Japan	Metal	Steel Tinplate
NZ	Other	
USA	Paper	
	Resin	
	Timber	

PIQET FEATURES: ✓ BUSINESS READY

- ✓ Designed for use by “Non-LCA” expert
- ✓ Web-accessed
- ✓ Integrates into existing NPD / packaging design processes
- ✓ 15-30 minute turnaround
- ✓ Rapid sensitivity analysis
- ✓ Team projects

PIQET 2.0.0 packaging impact with innovation tool sustainable packaging alliance

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Microsoft Internet Explorer 6+, Mozilla Firefox 2+ or Netscape 9+ with cookies and JavaScript enabled and a screen width of 1024x768+ are required to view this site.

About PIQET
PIQET is the Packaging Impact Quick Evaluation Tool developed by Sustainable Packaging Alliance (SPA). Click for more details about the tool.

PIQET FEATURES: ✓ EASY TO USE

- ✓ Define the packaging system
- ✓ Select components & materials
- ✓ Select converting processes
 - option to override resource consumption data
- ✓ Define transport profile
- ✓ Define end of life profile
- ✓ Copy & create alternate scenarios
- ✓ Generate & interpret reports


Packaging Levels

Use the table below to identify the packaging levels on one pallet of packaged product. If a level does not apply do not tick it as "Applicable". See help for alternative terminology.

The "Total units per pallet" column will automatically update as you make changes. Use this to confirm that the number of units per parent layer has been specified correctly.

Level Name	Applicable	Amount	Total units per pallet	Your Description
Sub-Retail	<input type="checkbox"/>	0 per retail unit	0	
Retail	<input checked="" type="checkbox"/>	10 per merchandising unit	1400	
Merchandising	<input type="checkbox"/>	0 units per traded unit	0	For example "6-Pack of Cans"
Traded	<input checked="" type="checkbox"/>	140 per pallet unit	140	
Pallet				

PIQET Demonstration

 **PIQET**[®] 2.0-8

packaging impact
quick evaluation tool

sustainable
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PIQET ACCESS

- ✓ PIQET Licence
 - Fees based on turnover of company group (\$AU), number of users and company type (country, region or global use)
 - Annual training
 - Technical support
 - Input to development priorities

PIQET ACCESS

- ✓ PIQET Assessment Service
 - Direct from SPA
 - From licensed companies
 - Fee dependent on:
 - no of formats
 - no of scenarios
 - need/scope for sensitivity analysis
 - typical range \$AU 1,100 – 2,500
 - Assessments conducted by SPA available via Team Projects if take up licence

PIQET ACCESS

- ✓ Further information
 - Provide business card or contact details
 - Contact Dr Leanne Fitzpatrick
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