EnergyVille LaTeX Template

Overview and examples

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KU LEUVEN   vito   imec   UHASSELT

Outline

Theme options
Mother institution logo

To select the logo of the mother institution the options are:

- `kul`   for KU Leuven **KU LEUVEN**
- `vito`   for VITO
- `imec`   for IMEC **imec**
- `uhasselt`   for UHasselt **UHASSELT**

Example:

```
\usetheme[kul]{energyville}
```

Theme options
Table of contents

To display the progress in the table of contents before each section the option
`tocsection` can be used as:

```
\usetheme[kul, tocsection]{energyville}
```

Title page logos

By default, the title page defines `titlegraphic` as EnergyVille logo. A custom graphic can be defined with:

```
\titlegraphic{ \includegraphics[height=45px]{mytitlelogo.png} }
```

If you would like to keep both logos, the following snippet can be used.

```
\titlegraphic{
    \hfill
    \includegraphics[height=45px]{graphics/energyville}
    \hspace{40px} % you might need to adjust this space
    \includegraphics[height=45px]{mytitlelogo.png}
    \hfill
}
```

Additional commands

Three additional commands are provided in the template.
Text indicating the level of confidentiality (will appear on the bottom left)

```
\confidentiality{Confidential}
```

Logo of the project (will appear on the top right)

```
\projectlogo{\includegraphics[height=15px]{graphics/project}}
```

Logo of the funding body (will appear on the top right under the project logo)

```
\fundinglogo{\includegraphics[height=15px]{graphics/funding}}
```

Frames and text
Positioning

Frame option [t] for text at the top of the frame

Frames and text
Positioning

Frame option [c] for text at the centre of the frame

Frames and text
Positioning

Frame option [b] for text at the bottom of the frame

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Frames and text
Footline

Frame option [plain] to remove footline on individual frame

To remove footline from *all* frames delete this line from preamble in .tex file:

```
\setbeamertemplate{footline}[body]
```

This frame has no title.

Frames and text
Double−column frame

This is the top of the first column.

This is the top of the second column.

Frames and text
Text alignment

Left justified environment …

<div align="center">Center environment …</div>

<div align="right">Right justified environment …</div>

Ragged right command …

<div align="center">Centering command …</div>

<div align="right">Ragged left command …</div>

Flush left command …

<div align="right">Flush right command …</div>

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Frames and text
Font styles

Sans-serif family of Modern Latin font

- Normal text
- **Bold**
- *Italic, Emphasis, Slanted*
- <u>Underline</u>
- Small caps
- `Typewriter`

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Frames and text
Font sizes

- tiny
- scriptsize
- footnotesize
- small
- normalsize
- large
- Large
- LARGE
- huge
- Huge

Environments
Equations and math

Equations and other mathematical symbols use serif typeface:

$$f(x) = ax^2 + bx + c$$

Style of individual symbols can be changed manually:

$$\widehat{\beta} = \arg\min_{b} (\mathbf{y} - \mathbf{Xb})^{\mathsf{T}} \, \mathbf{\Omega}^{-1} (\mathbf{y} - \mathbf{Xb})$$

$$\mathsf{G_t} = \alpha\mathsf{e}^{-\beta\mathsf{e}^{-\gamma\cdot\mathsf{t}}}$$

To change all math into sans-serif delete this line from the preamble in .tex file:

`\usefonttheme[onlymath]{serif}`

Environments
Graphics

Figure: Example graphic

Do not delete logo files in the graphics folder. They are used on the title page and in the footline.

Environments
Tables

Table: Example table

	(1)	(2)	(3)
x_1	0.705***	0.215**	0.123
	(0.107)	(0.0964)	(0.105)
x_2	0.476***		0.114**
	(0.0489)		(0.0519)
x_3		0.592***	0.538***
		(0.0361)	(0.0436)
Constant	0.0478	0.0576	0.0511
	(0.0487)	(0.0427)	(0.0426)
Observations	500	500	500
R-squared	0.711	0.776	0.779

Standard errors in parentheses, *** $p<0.01$, ** $p<0.05$, * $p<0.1$

Itemization and enumeration
Itemize (default)

- Itemize style
- Itemize style
  - Itemize subitem
  - Itemize subitem
    - Itemize subsubitem
    - Itemize subsubitem
  - Itemize subitem
- Itemize style

Itemization and enumeration
Itemize (extra space between items)

- Itemize style

- Itemize style
  - Itemize subitem

  - Itemize subitem

  - Itemize subitem

- Itemize style

Itemization and enumeration
Enumerate (default)

1. Enumerate style
2. Enumerate style
   1. Enumerate subitem
   2. Enumerate subitem
      1. Enumerate subsubitem
      2. Enumerate subsubitem
   3. Enumerate subitem
3. Enumerate style

Itemization and enumeration
Enumerate (option I + pause)

I Enumerate style

II Enumerate style

    I Enumerate subitem

    II Enumerate subitem

Itemization and enumeration
Enumerate (option I + pause)

I Enumerate style

II Enumerate style

    I Enumerate subitem

    II Enumerate subitem

        I Enumerate subsubitem

        II Enumerate subsubitem

Itemization and enumeration
Enumerate (option I + pause)

   I Enumerate style

  II Enumerate style

      I Enumerate subitem

     II Enumerate subitem

        I Enumerate subsubitem

       II Enumerate subsubitem

    III Enumerate subitem

 III Enumerate style

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Itemization and enumeration
Enumerate (option i.)

i. Enumerate style
ii. Enumerate style
    i. Enumerate subitem
    ii. Enumerate subitem
        i. Enumerate subsubitem
        ii. Enumerate subsubitem
    iii. Enumerate subitem
iii. Enumerate style

Itemization and enumeration
Enumerate (option A. + effects)

A. Enumerate style
B. Enumerate style

Itemization and enumeration
Enumerate (option A. + effects)

A. Enumerate style
B. Enumerate style
    A. Enumerate subitem

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Itemization and enumeration
Enumerate (option A. + effects)

A. Enumerate style
B. Enumerate style
   A. Enumerate subitem
   B. Enumerate subitem
      A. Enumerate subsubitem
      B. Enumerate subsubitem

Itemization and enumeration
Enumerate (option A. + effects)

A. Enumerate style
B. Enumerate style
   A. Enumerate subitem
   B. Enumerate subitem
      A. Enumerate subsubitem
      B. Enumerate subsubitem
   C. Enumerate subitem

Itemization and enumeration
Enumerate (option A. + effects)

A. Enumerate style
B. Enumerate style
    A. Enumerate subitem
    B. Enumerate subitem

    C. Enumerate subitem
C. Enumerate style

Itemization and enumeration
Enumerate (option a + extra space)

a   Enumerate style
b   Enumerate style
  a   Enumerate subitem
  b   Enumerate subitem
    a   Enumerate subsubitem
    b   Enumerate subsubitem
  c   Enumerate subitem
c   Enumerate style

Blocks and other environments
Generic, example, and alert blocks

Generic block title

Text for generic block

Example block title

Text for example block

Alert block title

Text for alert block

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Blocks and other environments
Theorems, definitions, and examples

Theorem environment

Theorem
$a^2 + b^2 = c^2$

Definition environment

Definition
Here is definition text

Example environment

Example
Example text

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Blocks and other environments
Proofs and corollaries

Proof environment

Proof.

Proof text. ☐

Proof with custom title

Proof with any name and optionally without full stop in the title ☐
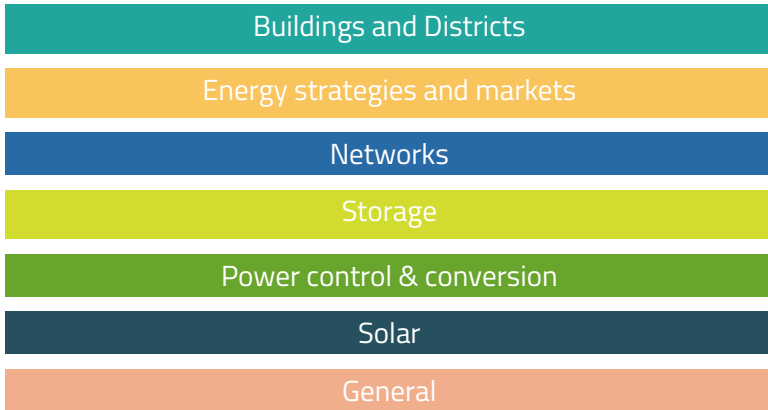
Corollary environment

Corollary

$x + y = y + x$

Blocks and other environments
Boxes

'Beamer color box' preset corresponding to research lines

Buildings and Districts

Energy strategies and markets

Networks

Storage

Power control & conversion

Solar

General

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Blocks and other environments
Quotes

Quote

> *Quote environment is for a short quotation, or a series of small quotes, separated by blank lines.*

Quotation

> *Quotation environment is for use with longer quotations, of more than one paragraph, because it indents the first line of each paragraph.*
>
> *Quotation environment is for use with longer quotations, of more than one paragraph, because it indents the first line of each paragraph.*

– WikiBooks LaTeX guide

Blocks and other environments
Quotes

Verse

> *Verse environment*
> *is for quotations where*
> *line breaks are important.*

Verbatim

```
Verbatim text is ideal for typesetting program
source code. To use it in Beamer the frame needs
option [fragile].
```

Blocks and other environments
Abstract

<div align="center">Abstract</div>

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque quis pharetra sapien, non tempor tortor. Vestibulum gravida mauris ac lorem semper, vel vulputate mauris tincidunt. Sed diam ante, dignissim consequat pulvinar in, placerat eu nibh. Donec congue id elit sit amet iaculis.

Proin pellentesque vel ex in fermentum. Pellentesque suscipit odio ut accumsan feugiat. Aliquam erat volutpat. Sed feugiat cursus eros, sit amet vestibulum ipsum pulvinar at. Sed eget porttitor purus. Duis nec nunc ex. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae.

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Blocks and other environments
Buttons

Standard buttons

Link to Figure 1

▸ Extra frame

▸▸ Button with long title and no link

◂

These buttons can link to any frame, figure, table, theorem, section, or anything else with defined label

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Ending frame (version 1)

Ending frame (version 2)

Extra slide

Because of frame option [noframenumbering] this frame is not counted in the total number of frames.

This button with cross-referencing link that will take you back to the frame:

‹ Back to Buttons

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