

**coolregion**

**WP 3: Draft of building guideline**

**Energy efficient office building**

**for a summer period**

**A guideline for building owners**

**Intelligent Energy**  **Europe**

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## Content

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Design measures</b>	<b>1</b>
<b>3</b>	<b>Technical measures</b>	<b>1</b>
<b>4</b>	<b>Best-practice example: pilot building</b>	<b>1</b>
<b>5</b>	<b>Integrated planning process</b>	<b>1</b>
<b>6</b>	<b>Further information</b>	<b>2</b>
<b>7</b>	<b>Literature / sources</b>	<b>2</b>



## 1 Introduction

- Aim of guideline
- [Target group / user profile](#)
- sustainability,
- user suitability,
- „human habitat“,
- objective: energy efficient cooling,
- integrated planning process,
- [EPBD and cooling](#)

## 2 Design measures

- Orientation
- Glazing, [advanced technologies multifunctional glazing](#)
- Sunscreen; [shading devices](#)
- Insulation
- Building materials
- Plants

## 3 Technical measures

- Short description of conventional room cooling and its disadvantage
- Innovative room cooling
- Short description of conventional cold production and its disadvantage
- Innovative cold production

## 4 Best-practice example: pilot building

- Description of highlights (architecture, technical measures, integrative planning process) and results of the consultation process ([as much as approved by the building owner – confidentiality issue especially in commercial sector](#))

## 5 Integrated planning process

- Importance of integrated planning process
- Important decision points

- Checklist

## **6 Further information**

- Benchmarks and checklists
- Contacts
- [National regulations and cooling](#)
- [Software / Tools to recommend](#)

## **7 Literature / sources**

- [Links to other cooling related EIE projects](#)