

# Cadna A<sup>®</sup> Training Basic Level

The hands-on basic training imparts basic knowledge about how **CadnaA** is structured and handled. Basic calculation procedures are discussed in detail and practiced using project examples. An overview is given of the various noise sources and their respective modeling.

The training has been designed in such a way that participants will practice every topic by means of simple **CadnaA** files.

## WHO SHOULD ATTEND?

**CadnaA** users with less than 6 months of experience who want to get the basic knowledge on modelling and calculation tasks with the software.

The completion of the **CadnaA Webtutorial** is not a requisite but highly recommended.

## TRAINING DEVELOPMENT

The general workflow is as follows:

1. The trainer briefly presents the topic
2. Participants complete the exercise step by step
3. The trainer repeats the exercise
4. Short Q&A and summary

## MATERIALS

- CadnaA License at the latest version
- CadnaA Training book (pdf format)
- Cadna A Files
- Official Training Certificate

## Contents\*

<b>Basic Handling of CadnaA</b>	<p>CadnaA Interface</p> <p>Project limits and zoom</p> <p>Inserting and editing objects</p>
<b>Import Formats</b>	<p>Import of BMP</p> <p>Basic import of DXF</p> <p>Import of Open Street maps</p> <p>Import of WMS and Google Maps</p>
<b>Basics of Sound Calculation</b>	<p>Calculation Standards</p> <p>Calculation at receiver points</p> <p>Partial Levels</p> <p>Calculation protocol</p>
<b>Noise Sources</b>	<p>Industrial sources: point, line, area</p> <p>Road and railway sources</p>
<b>Context Menu</b>	<p>Context actions</p> <p>Examples: creation of text labels, parallel object, duplicate, etc.</p>
<b>Project Organization</b>	<p>Groups and variants</p> <p>The ObjectTree</p>
<b>Additional calculations</b>	<p>Horizontal grids</p> <p>Vertical grids</p> <p>Building Noise Maps</p> <p>Arithmetic operations with grids</p>
<b>Presentation of Results</b>	<p>Basic concepts of Plot designer</p> <p>Results table</p> <p>Export formats</p>

**Duration:** one full day

\* The contents of the training as well as the duration of each topic may be different depending on specific requests or interests of the attendees.