

NEWS

The new **SCIA•ESA PT 2007 datasheets** are available in our "Free Downloads" section. [more ...](#)

**SCIA and Aaldesign Hellas** have set-up a **partnership regarding sales activities** in Greece [more ...](#)

EVENTS

SCIA organizes **'a free initiation day'** on 5th June 2007 in Gent (B) [more ...](#)

UPDATES

Customers can download the following service packs in our free [download section](#).

- » **SCIA•ESA PT 2007.0.161**
- » **ESA-Prima Win 3.90.161**

TRAINING

In the following months a lot of **trainings** are organised in our offices of **Herk-de-Stad** and **Arnhem** with, among others, the following topics:

**SCIA•ESA PT**

- » Basis course
- » Tips & Tricks
- » Dynamics
- » EC3 Theory en practice
- ...

**Allplan Engineering**

- » Formwork shell and reinforcement functions (21 & 26 June 2007)

**Allplan Architecture**

- » Basis course (12 & 13 June 2007)

Here you find **all training dates with a programme overview** and you can register online.

JOBS

SCIA's customers are invited to add their **job vacancies free of charge** in our '**SCIA Jobs Network**'.



Please also check **SCIA's Job Openings**. Good luck!

GALLERY

[<printable version>](#)

Dear eNews reader,

The winners of our customer contest are known!

Last 19th April, the judging of our renowned "SCIA User Contest" version 2007 took place. A whole day, our jury members went into the 99 submitted projects. It was not simple... but there emerged a winner in each of the **5 categories**. Find out more details further on in this newsletter!

The results of the "**International Eurocode Inquiry**" have also been processed. This inquiry was also an initiative of SCIA: the results are surprising. Read more about this further in this eNews.

We wish you a lot of reading pleasure!

- » **Corporate News:** The market of prefabrication and the Eurocodes, KP1 and SCIA together
- » **Product News:** Train Loads module available in SCIA•ESA PT
- » **The Market:** Confusion on the introduction of the Eurocodes - Results of the survey
- » **SCIA User Contest 2007:** The Winning Projects ...
- » **Tips & Tricks:** Easy comparison of projects with "ESA-Update" in SCIA•ESA PT

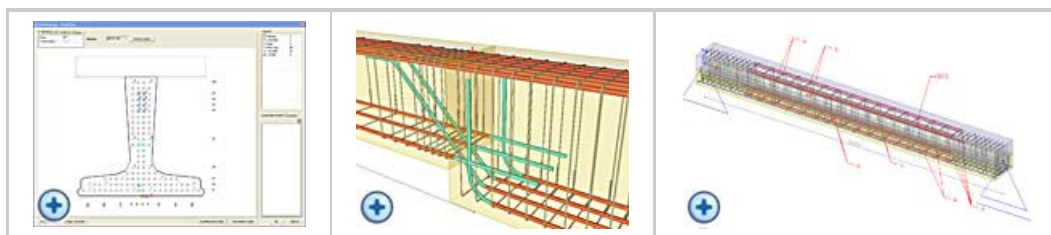
The market of prefabrication and the Eurocodes: KP1 and SCIA together

The company **KP1**, leader of the prefabrication sector in France, recently signed a major development project with SCIA.



Within the framework of the transition of the national codes to the Eurocodes for the justification of structures and ready-made elements, **KP1 charged SCIA to work out an optimized and state of the art calculation engine** for the complete checking according to the Eurocodes of linear elements of structures (beams) from reinforced or prestressed concrete; **this all based on the SCIA software SCIA•ESA PT**.

The **long experience of SCIA in prestressing and the Eurocodes**, as well as its **international status and membership of the Nemetschek group**, were the **key factors in the choice of this partnership for KP1**. This agreement shows the will of this important industrial actor to evolve its activities at a European level and also to answer to the requirements of the Eurocodes, which will soon be obligatory in this sector.



"France is the country where the technique of prestressed concrete was born and still today it remains with the avant-garde of the developments in this field. **We are particularly delighted by this collaboration with the experts of KP1**", as concludes **Dr. Jaroslav Navratil**, specialist for prestressing and the writer of the book "Prestressed Concrete Structures", **that can still be ordered via our Web shop**.

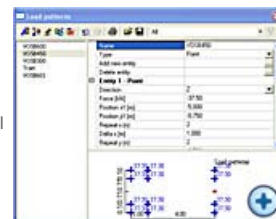
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Train Loads module available in SCIA•ESA PT

Today "Train Loads" is a well-appreciated module in ESA-Prima Win. From version 2007.1 on, this module will also be released in SCIA•ESA PT.

This module generates multiple load cases, each of which contains a set of free loads on 2D-elements. This default set of train loads is mostly defined in the national codes. In version 2007.1 a system database will be provided for each national code. Users are also able to introduce their own sets of loads if necessary.

**Strong new features in SCIA•ESA PT** (over existing ESA-Prima Win functionality) are the introduction of curved tracks, turning joints and the support of train loads on curved shells.



Andreas, Petrus and Paulus parish. Thanks to **Royal Haskoning (NL)**



With these features, the user can easily model a set of wagons in a train on a curved track. The turning joint in the model is the physical rotation point between two wagons. Using these turning joints, **the train will flexibly follow the curved track** (see this movie). The support of train loads on curved shells allows the user to model curved bridges in a more user-friendly way.

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### Confusion on the introduction of the Eurocodes - Results of the survey

Around the Structural Eurocodes many myths have appeared. The following statements are often heard "in my country we will never abandon the national codes", "Eurocodes make constructions much more expensive", "Eurocodes are not valid here", ...

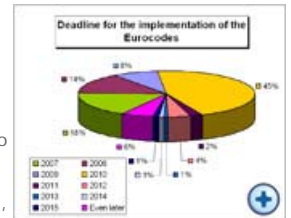


SCIA has launched a survey on the understanding of the Eurocode, resulting in surprising misunderstandings, among them:

- 60% of the respondents to the survey believe that the national codes will not disappear,
- 52% of the engineers believe that the Eurocodes lead to more expensive structures,
- 15% of the engineers believe that the Eurocodes will only be introduced in their country after 2010.

What is the truth?

The transition from old national codes to new codes based on the Structural Eurocodes will be done between 2007 and ultimately 31th March 2010, the maximum period of co-existence. Each country must publish its translated version of the 58 codes plus the addenda in this time frame. From 1st April 2010 on all conflicting old national codes can no more be applied.



The transition period is thus clear: from now till 31.3.2010! Each country can decide to withdraw the old codes earlier, most countries are doing this.

For a full report on the survey, plus more details on the introduction of the Eurocodes, please read our:

- White Paper - "**Resolving the nonsense and the misunderstanding on the Eurocodes!**"
- Press Release - "**Eurocodes: clearing up the misunderstandings**"

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### SCIA User Contest 2007: The Winning Projects ...

The outcome of the SCIA User Contest 2007 is known!

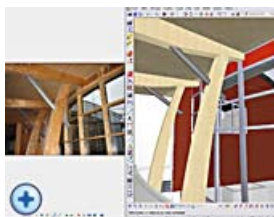
Last April 19th, an international jury, composed of specialists from the academic and business world, gathered to judge the projects of the 5 contest categories. It must be said: **the jury performed its task brilliantly**. Especially if you consider that from the 99 submitted projects, a lot of them are on the same level when it comes to technical and presentation level.

We sincerely congratulate the winners and wish to thank every participant individually; we also congratulate everybody with his proven achievements with the SCIA "CAE and CAD" software.

We are proud to present you the winning projects below; these are really giving evidence of the creative and intelligent use of the several software solutions. The amazing projects that were submitted illustrate well the use of SCIA's CAE and CAD software in construction. Engineering structures such as tunnels, power plants, bridges, towers, shelters, quays have been designed with ESA-Prima Win or SCIA•ESA PT. Renowned buildings and constructions have been designed and detailed with the Allplan software.

#### Category 1: CAD Architecture (Allplan Architecture)

Georges & Theis Architectes associés (Luxembourg)  
"Ecole Bourscheid"



#### Category 2: CAD Engineering (Allplan Engineering and Precast)

PT Baja Engineering Indonesia and SC Engineering BV (the Netherlands)  
"Hilversum RWZI"





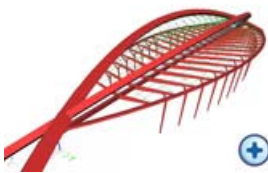
**Category 3: CAE Civil works (ESA)**

Schroeder & Associés s.a. (Luxembourg)  
"Passerelle d'Evry"



**Category 4: CAE Buildings (ESA)**

Excon CZ (Czech Republic)  
"Metro station Strizkov-Prague"



**Category 5: CAE Special projects (ESA)**

Stageco (Belgium)  
"Robbie Williams Close Encounters 2006"



Beyond the functionality of the software, the quality of the engineers and the architectural firms gives us full assurance that **the construction industry is in full movement**. The presented projects also prove that the **SCIA clients are operating on a global level**; in nearly every continent of the world, structures, designed and detailed with the SCIA software, are being built.

If you'd like to get a good look at all the participating projects, don't hesitate to reserve your free copy of the more than 200 pages counting SCIA User Contest Book 2007. You can do this by **filling in this application form** or contacting your local sales engineer. **You can also download it in PDF** (32 MB).

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**Easy comparison of projects with "ESA-Update" in SCIA•ESA PT**

**Often, projects are treated by more than one engineer.** During this process a lot of files change hands. Because of this, it is not always clear which changes occurred between different files.

**With the function "ESA update", 2 files can easily be compared and the changes set visible.**



This function can be found under "file", "update - ESA file". Afterwards, the files, which have to be compared, have to be selected. And finally, **an overview of the changes is displayed.**

**Archive Tips & Tricks**



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SCIA Group nv - Industrieweg 1007 - B-3540 Herk-de-Stad  
Tel: +32 13 55 17 75 - Fax: +32 13 55 41 75

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