

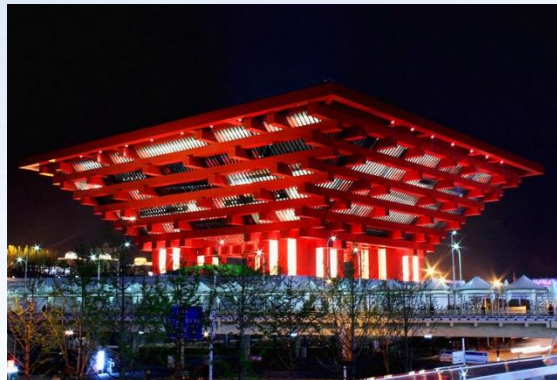
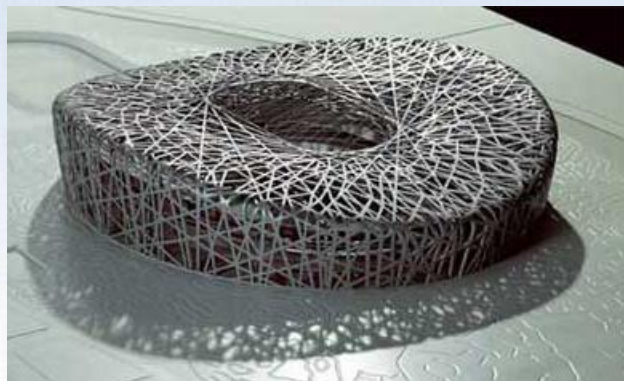


Selected topic: Improving the public acceptance of transmission and distribution project

For any huge man-made project, public acceptance is a general problem

It should be reducing physical influence and psychological resistance at least

It would be better to improve convenient function and beautify environment





T&D project is also facing the problem of public acceptance

If it can not beautify environment, it should reduce visual impact

THE PUBLIC PERCEPTION

- threatening
- outdated
- visually polluting



The public acceptance on T&D project comes from the nearby land use, electro-magnetic environment and visual impact

T&D project is also facing the problem of coordinating with nearby environment to improve public acceptance

If it can not beautify environment, it should reduce visual impact

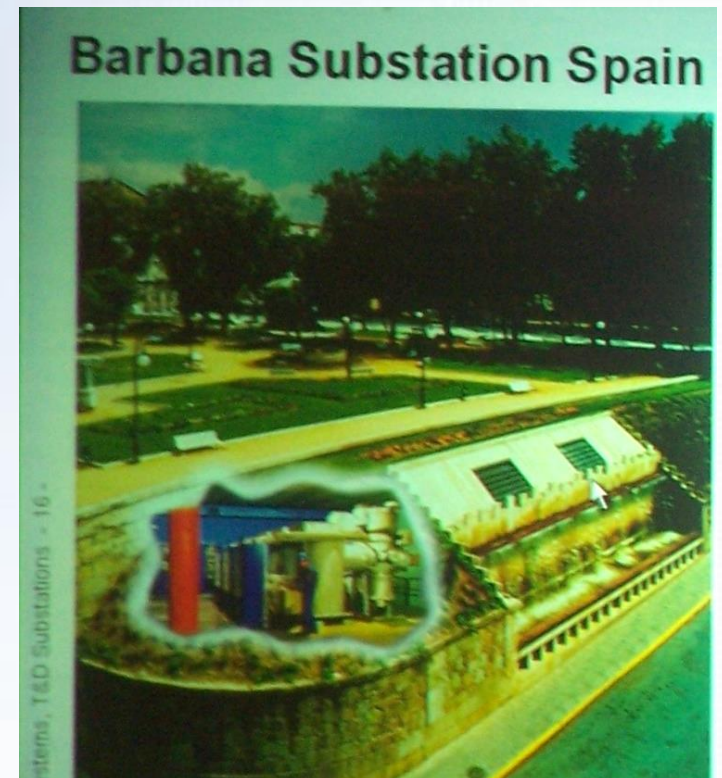



On the visual impact of overhead line

1996 CIGRE session paper 22-210 :

Quantitative Evaluation of the Visual Impact of Overhead Lines

On the visual impact of substation: Invisible Substation



An aerial photograph of Heidelberg, Germany, in winter. The Neckar River flows through the foreground, crossed by the Old Bridge (Alte Brücke). The town's colorful, snow-dusted buildings are clustered on the hillside. At the top of the hill, the Heidelberg Castle (Stadtschloss) is visible, partially covered in snow. The surrounding forest is also blanketed in white. In the bottom right corner, the date '2006/11/24' is printed in yellow.

Heidelberg- a beautiful
German small town

2006/11/24



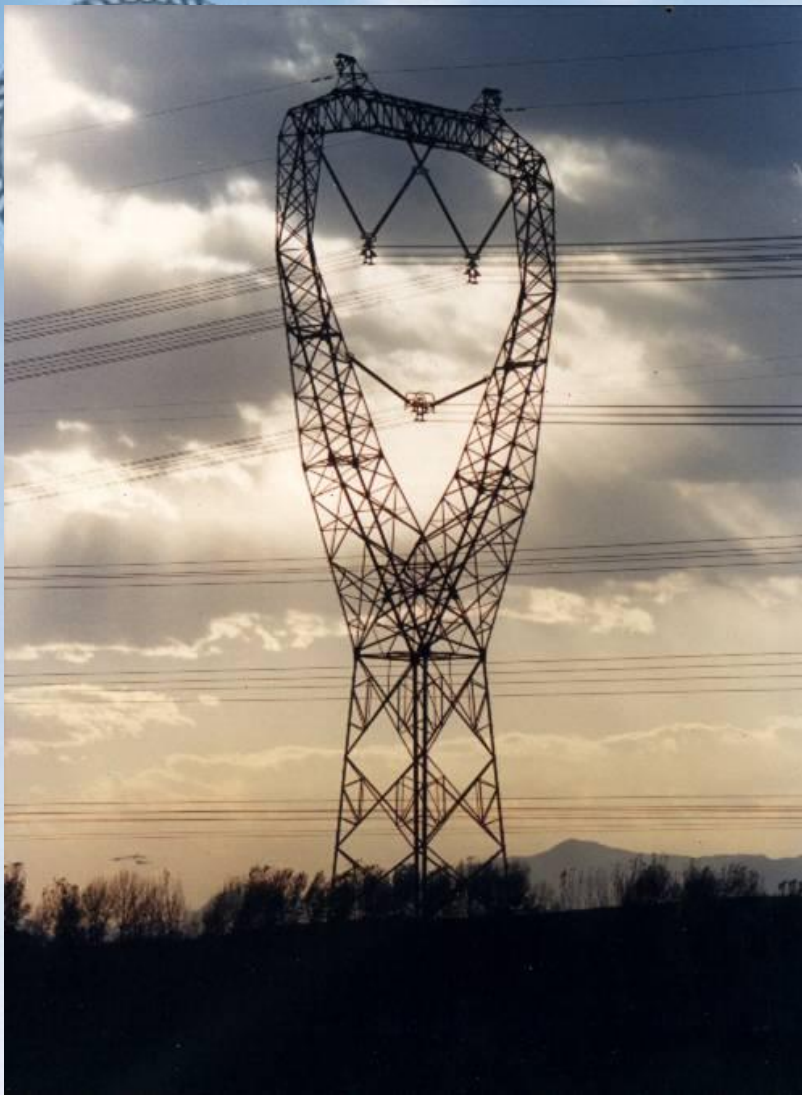
Double circuit, self-supporting
colorful tower, one of the
scenic spot in tourist route of
Helsinki, Finland



Three phase
separation lissome
tower nearby the
highway of Helsinki,
Finland

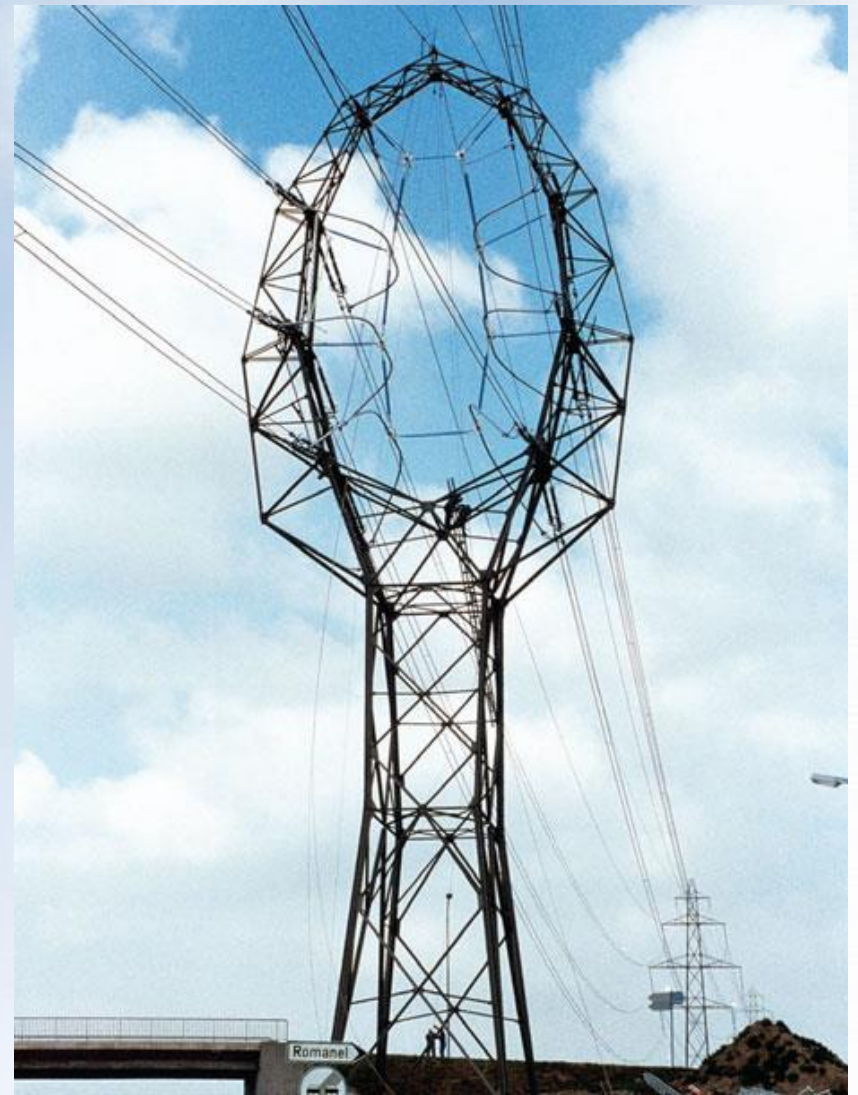


2007/07/06



500kV compact OHL
(Changping-Fangshan)

tennis racket

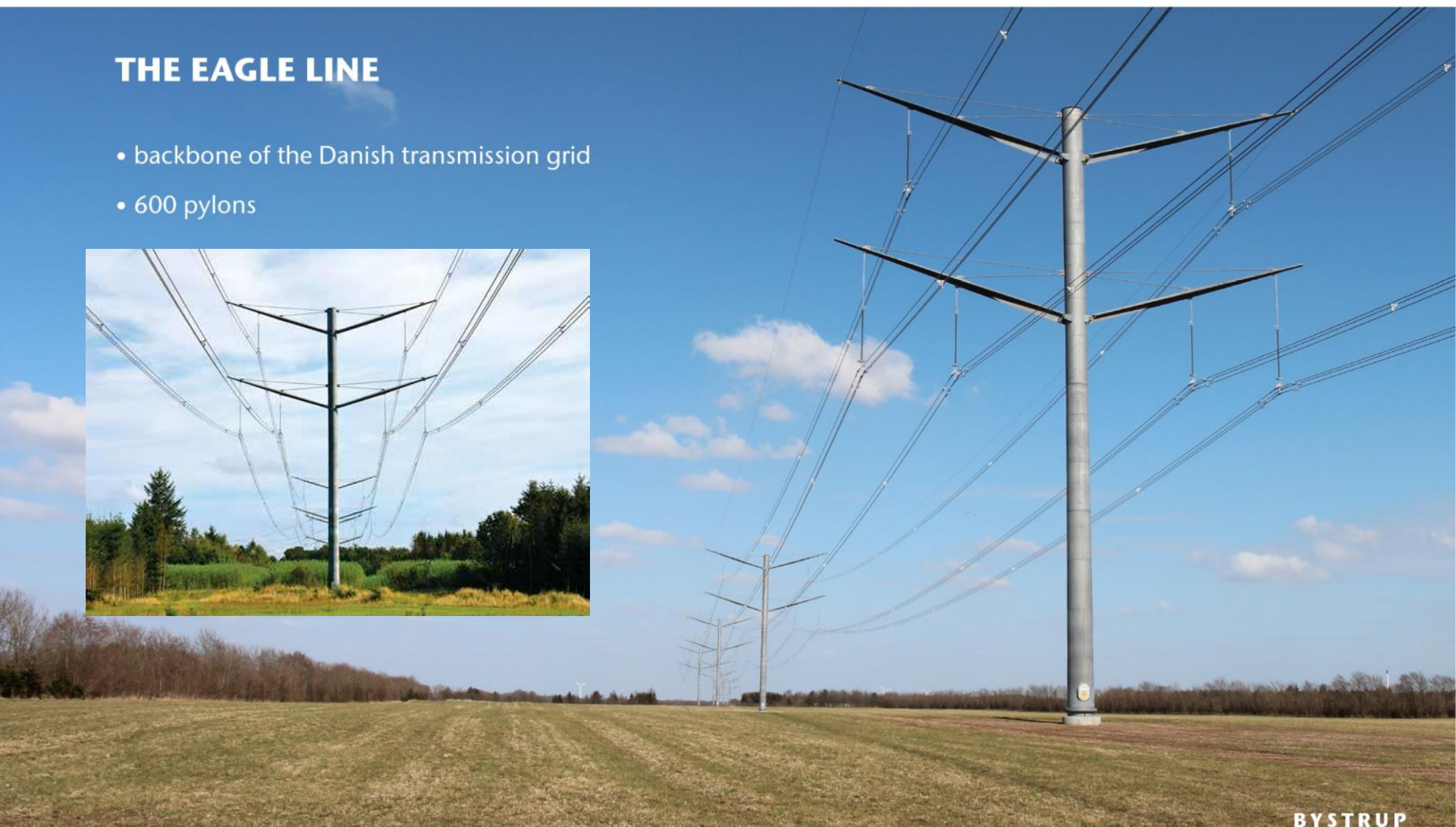


Nearby the highway of
Lausanne, Swiss



THE EAGLE LINE

- backbone of the Danish transmission grid
- 600 pylons



BYSTRUP



EAGLE PYLON

Prototypes



BYSTRUP

COMPOSITE PYLON

- contemporary
- compact
- cost-efficient



BYSTRUP



BYSTRUP

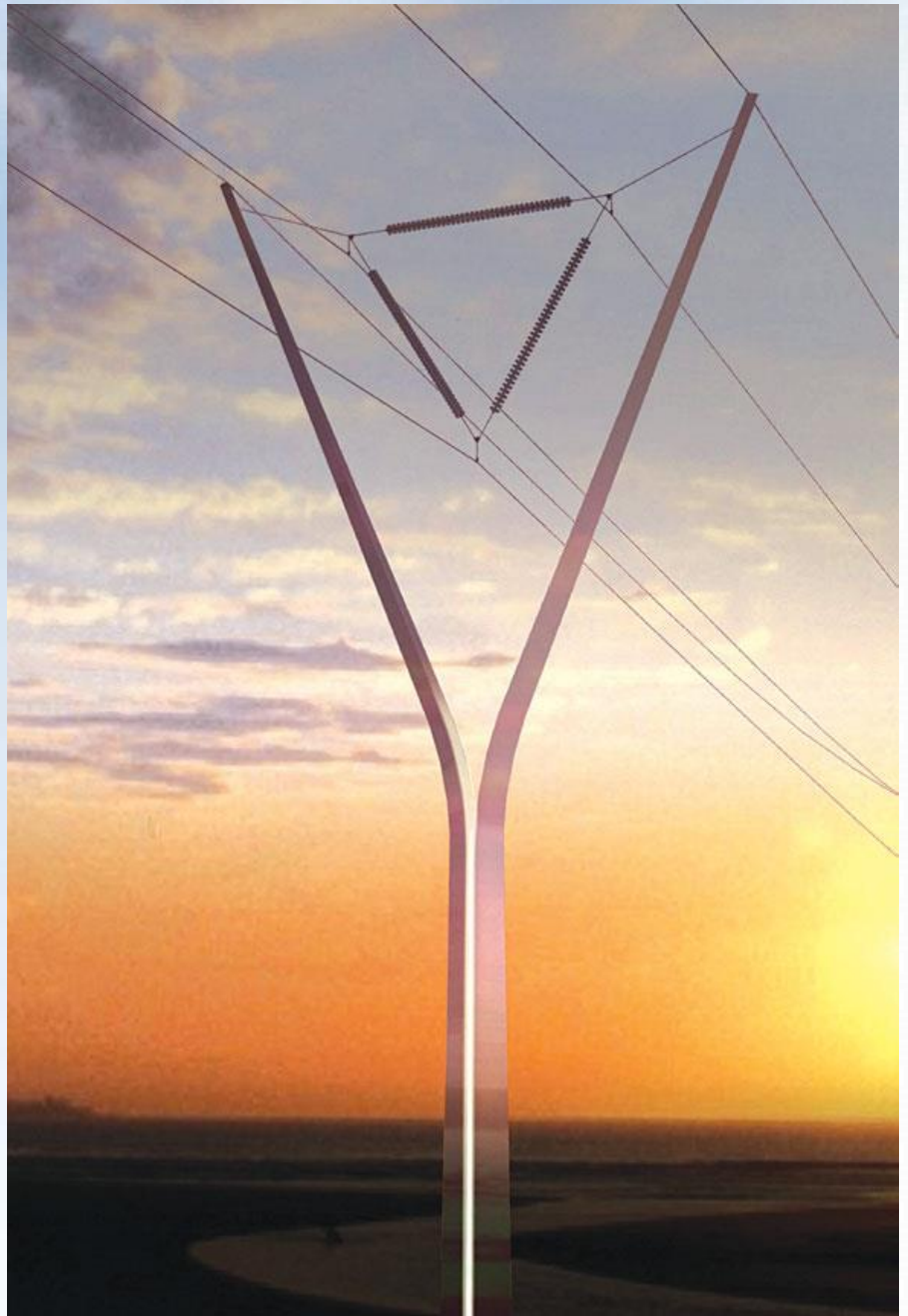
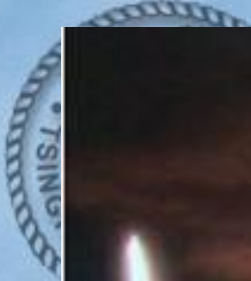


CONVENTIONAL LINES

Two lines each carrying one 400 kV circuit

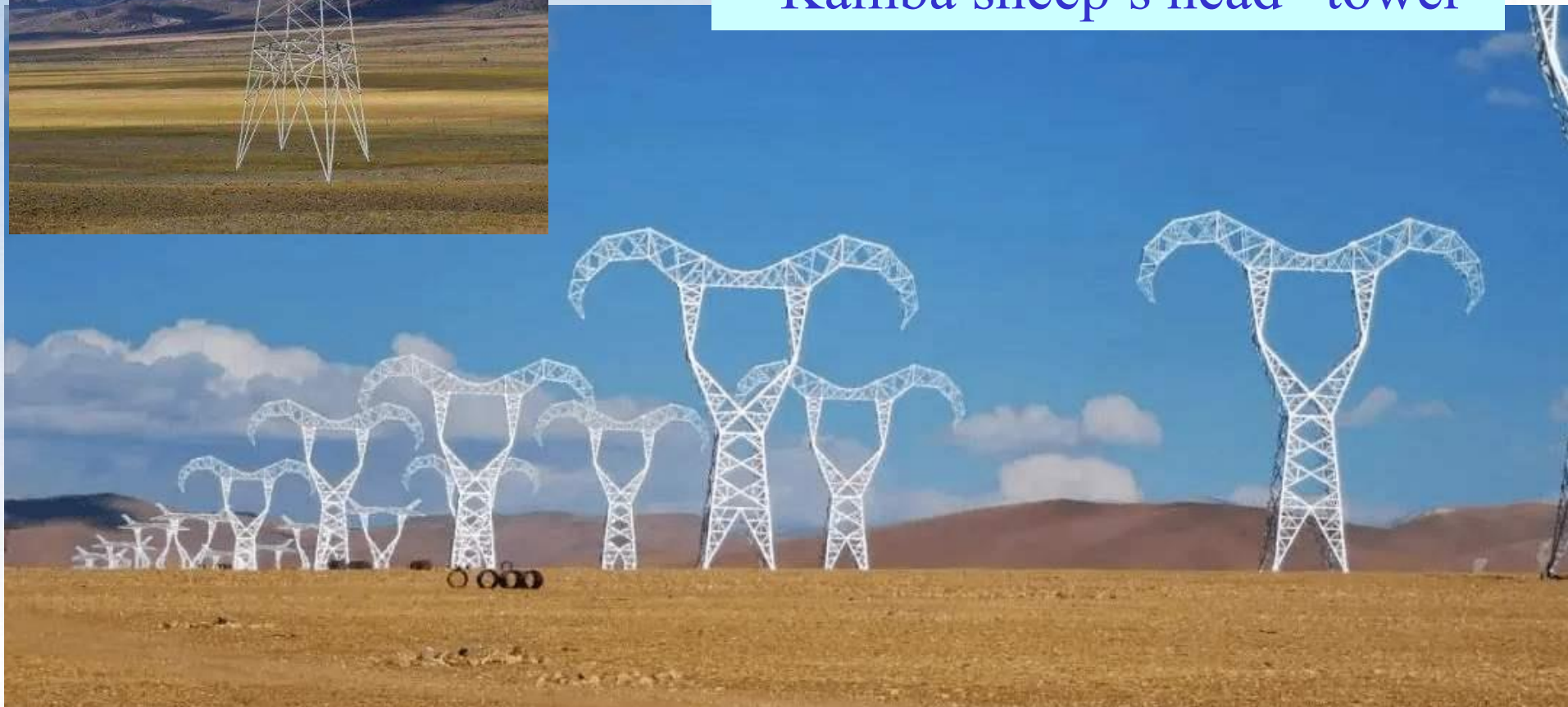


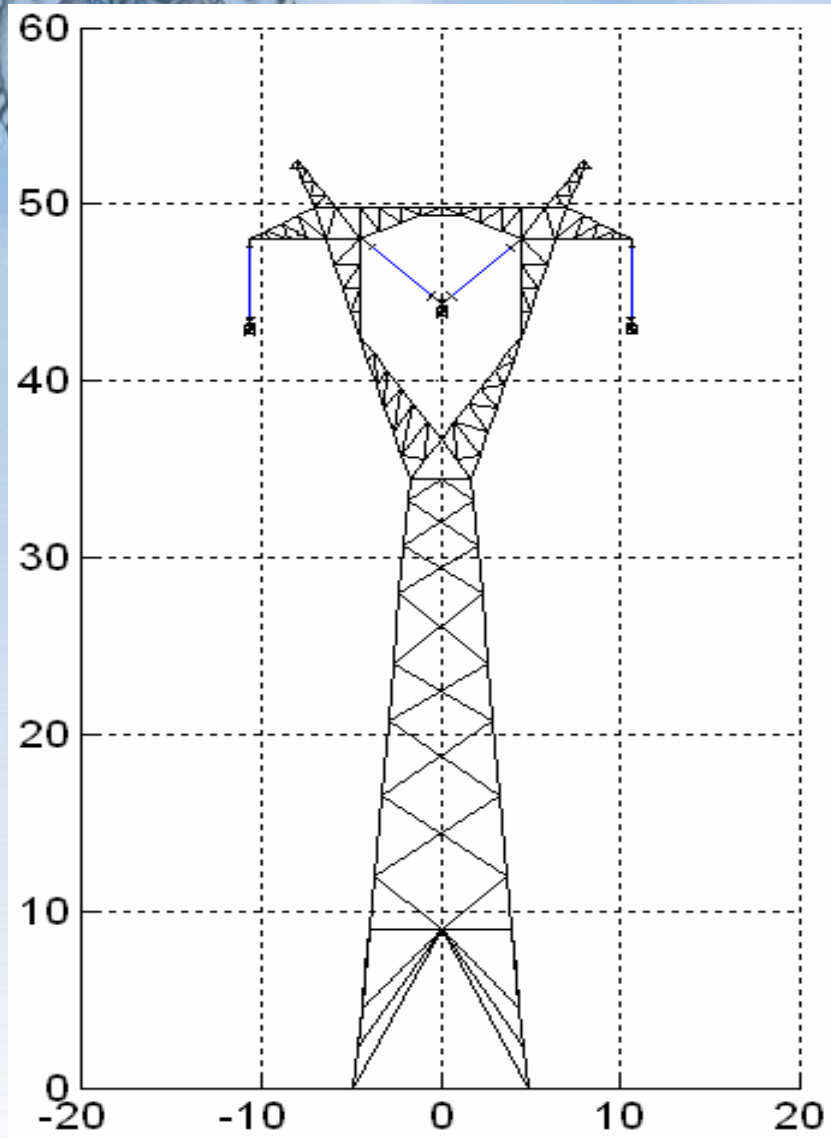
BYSTRUP





“Kamba sheep’s head” tower





© Elena Paroucheva/ADAGP





www.art-elena.com
Elena Paroucheva



élina

high tension installations
à Amnéville les Thermes
Lorraine - France



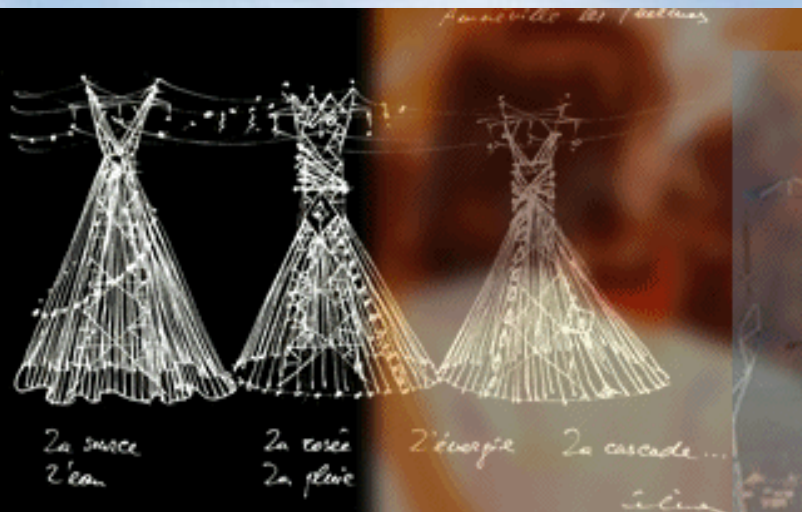
In 1909, we found a source of mineral warm water was found in Amnéville when prospecting for some coal. This source was baptized "Saint Eloi", in honour of the patron saint of the steel makers.

Amnéville is an old mining town, which has become a thermal and health resort. It benefits from privileged links with the heat, the energy and the water.

It is quite naturally that Elena's work called "The Source", settled side by the thermal baths, which draws its inspiration from these three elements.

" In a journey of colour between interlacing and cables, the light stands out, the image builds up itself for every traveller who passes accompanied with his imagination, with his desire to discover. "

Michel Arnault.



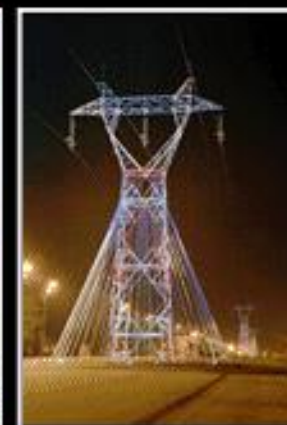
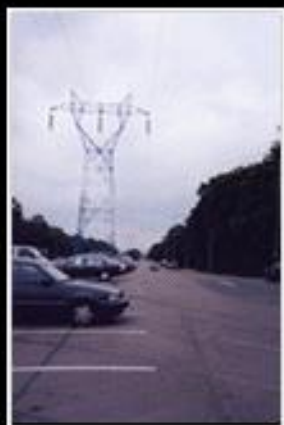


From drawing to installation: the evolutions of the study

Mast N 10: " the Source - Light "



Mast N 11: " the Source - Water "



Mast N 12: " the Source - Energy "



Elena

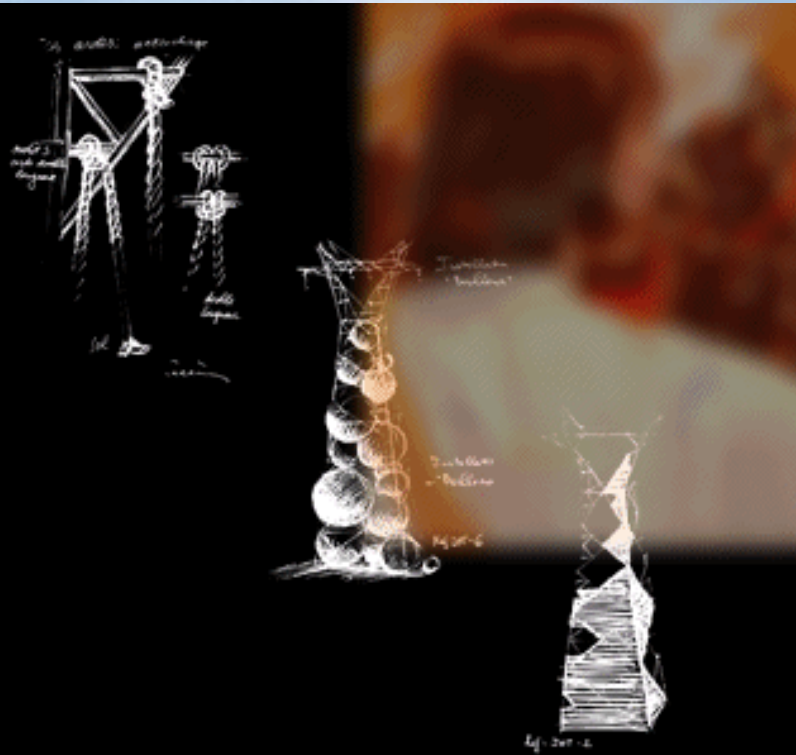
High Tension Installations

" To the donors and to the researchers of light, to the one who is in search of transformation, Elena's "elements" transpose the track of man at a moment that shares the vision of light and space.

What the human being makes, the artist transforms. From these steady giants, Elena has known how to extract aesthetics and grace by giving them an identity and a history.

The light passes, it allows the existence of the artwork. The light makes the void vibrate, which gives it existence. "

Michel Arnault,
Artist painter,
President of "Art Touch" Association.



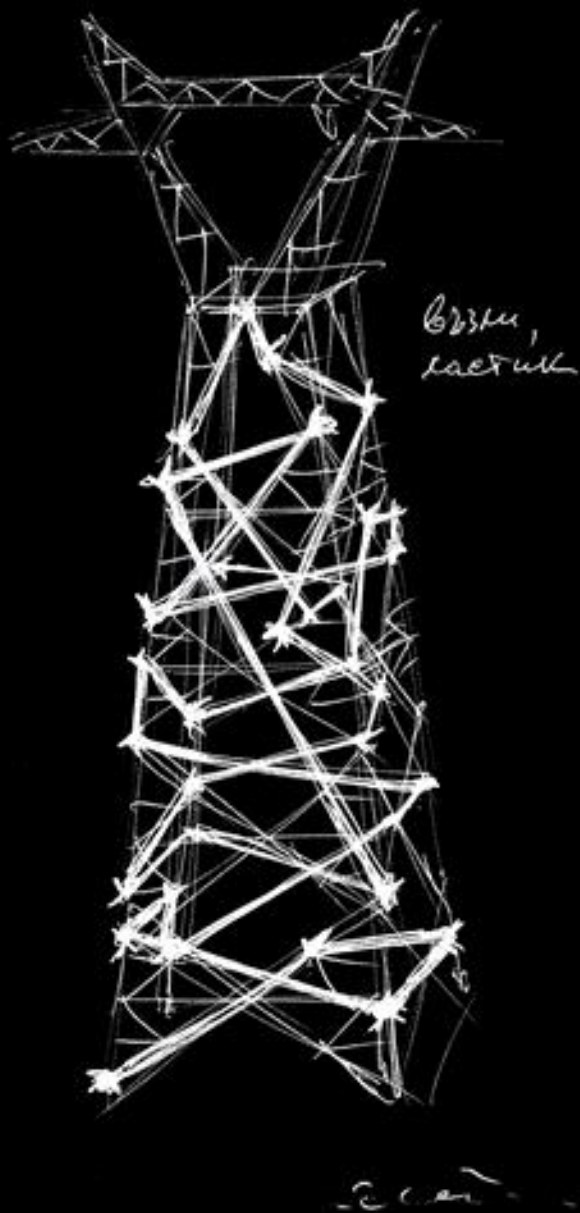
"Dancer"



"Rain"



" Dress cords "



"Landscape"



"Colour Rain "



"Drops"



" Dress fences in "



"Flower"



"Ball"



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