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Where Art, Technology, and Meteorology Meet

Posted on June 1st, 2009 under [Art](#)

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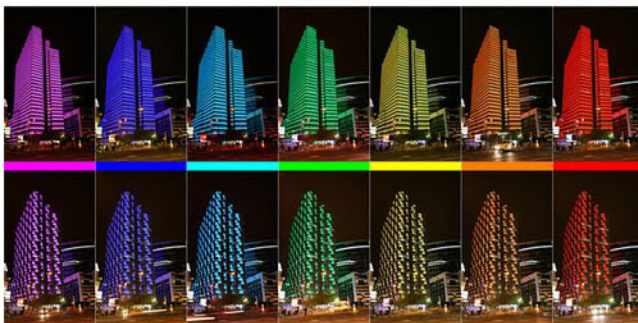
A tower in Brussels that predicts the weather! A project by the Nonsense Society's own LAB[au]!

Weather Tower

The project takes as starting point Brussels' 145 m high Dexia Tower, from which 4200 windows can be individually color-enlightened by RGB-led bars. For the next two months a new project within the series 'Who's Afraid of Red, Green and Blue', will forecast tomorrow's weather for Brussels, in collaboration with the [Royal Meteorological Institute of Belgium](#).

The project displays tomorrow's temperature, cloudiness, precipitations, and wind, by using colors and geometrical patterns to visualize these data.

A color-code corresponds to tomorrow's temperature compared to the monthly average, linked to a scale of color-temperatures ranging from violet (-6° or colder), blue (-4°), cyan (-2°), green (monthly average), yellow (+2°), orange (+4°) to red (+6° or warmer):



For example: When tomorrow's temperature is two degrees higher than the monthly average, the tower colors 'yellow'. Furthermore, the level (dark / light) of this color corresponds to the light-condition of the sky of the upcoming day.

Geometrical patterns are created with a vector-field, constituted of small lines which constantly re-orient, causing patterns, letters and numbers to appear. These patterns are visualizing tomorrow's cloudiness, showers (rain, snow, ice ...) and wind.

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Artists: [LAB\[au\]](#)

Architects: Philippe Samyn & Partners, M & J.M. Jaspers – J. Eyers & Partners

Lighting Engineer: Barbara Hediger

For more on this project go [here](#).

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2 Responses to "Where Art, Technology, and Meteorology Meet"



Trey - Swollen Thumb Entertainment says:

June 1st, 2009 at 8:48 pm

Wow, that's really interesting. I'm looking forward to the day when an entire skyline can be done up like that, and can be used as a giant equalizer and light show for outdoor concerts. Hey, they laughed when some crazy guy first came up with the idea of a skyscraper.



Brian McCormick says:

June 5th, 2009 at 8:08 pm

I love the idea of how much more art and science may become incorporated with everything around us. I can just imagine more art similar to work by LAb [au] that reflects the life around it (sounds, temperature, light). Awesome.

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