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# 2010

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I-Weather Apps,  
for iPhone, iPod touch, iPad  
and Android mobile platforms

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Project by fabric | ch

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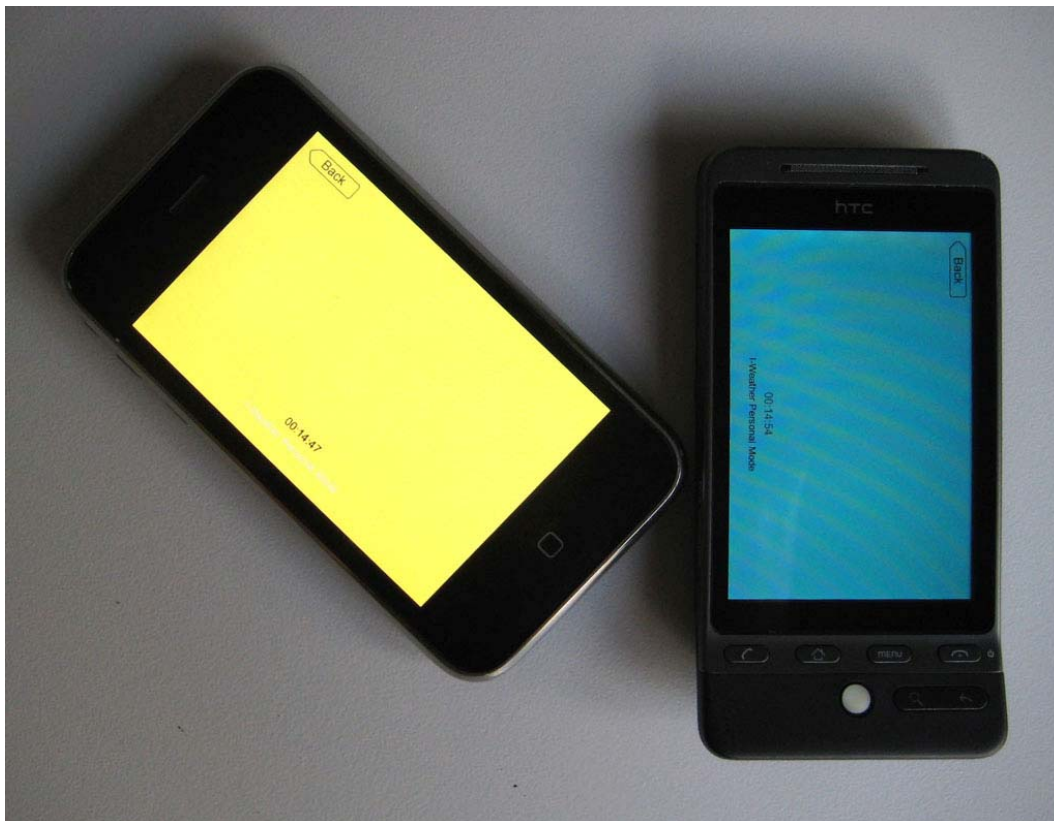
Exhibited during the O1SJ Biennial (San Francisco Bay Area, CA, USA)

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- I-Weather open source artificial climate, applications for mobile users and platforms
- Networked luminous climate for deterritorialized situations.
- User's choice between a Global Mode (single weather and time, globally synchronized), or a Personal Mode (customizable time), for inner-body clock self regulation
- Session of any length (Global Mode) or of 15 minutes duration (Personal Mode)



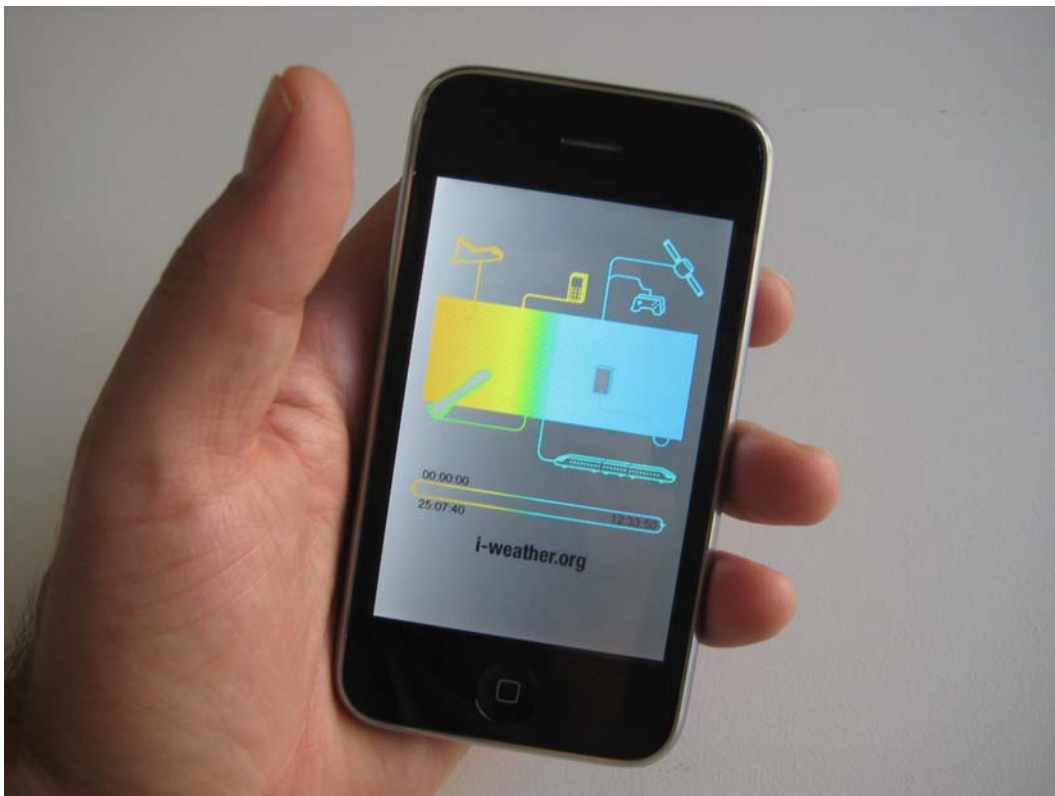
The I-Weather website ([www.i-weather.org](http://www.i-weather.org)) where the open source libraries and applications can be downloaded. “[...] I-Weather makes it possible to live in a situation completely removed from natural locations by producing an artificial circadian rhythm synchronized to match the inner cycle of the human hormonal and endocrine system. [...]”



I-Weather, artificial light climate, in Global Mode on the iPhone (left) and in Personal Mode on the HTC Android (right).



Interface and icon, access to I-Weather on the iPhone.



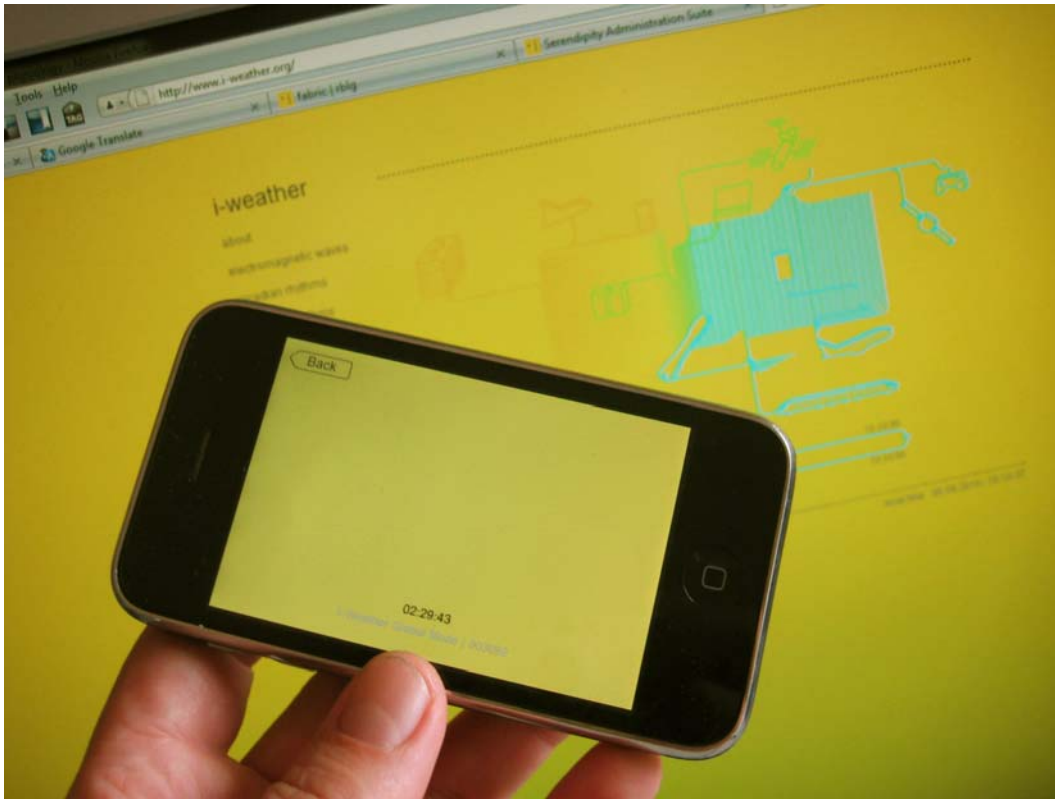
The I-Weather logo and clock, loading illustration.



Diagrams about the fluctuations in the melatonin rate of a human in a natural cycle [24 hours length, night and day], in comparison with a projected I-Weather cycle of 25 hours [25hs 07min. 40 sec.] The pace is influenced by the amount and type of light received by the retina: blue light triggers a drastic diminution in melatonin secretion (similar to daytime period) while orange light doesn't affect the inner body clock [corresponding to a luminous nighttime, when quiet activities can still be undertaken].



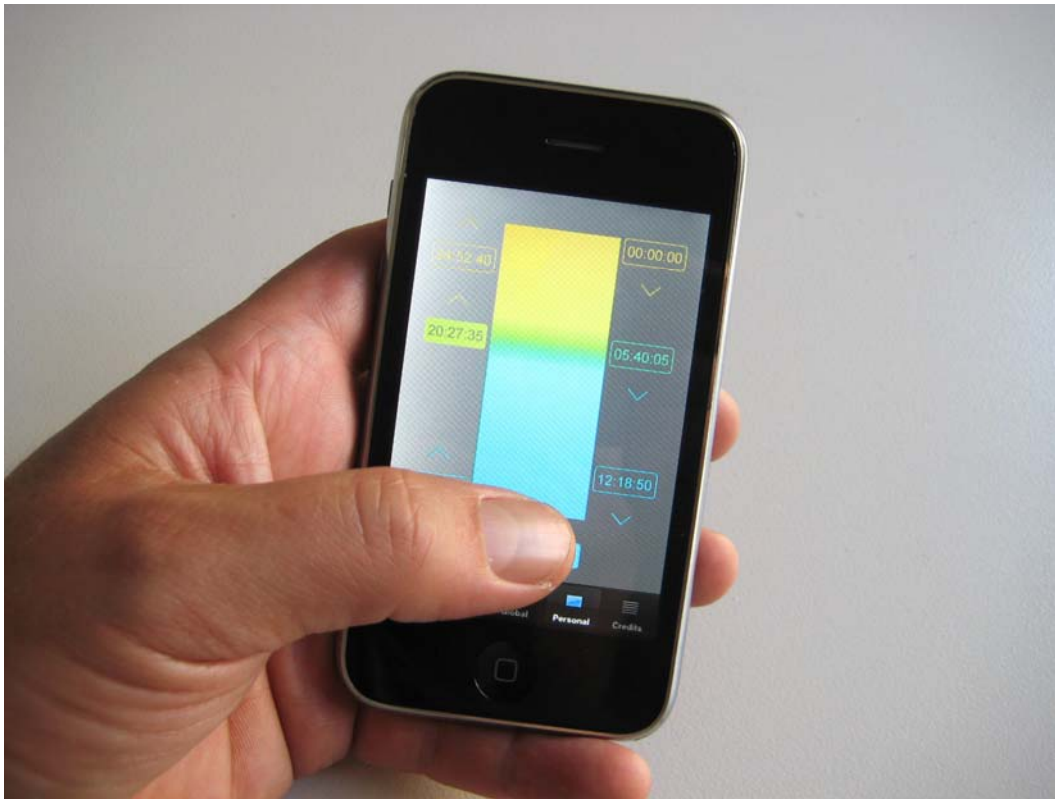
Access to the Global Mode [standard I-Weather cycle distributed over the networks] by turning the phone in horizontal orientation (or by clicking on the icon).



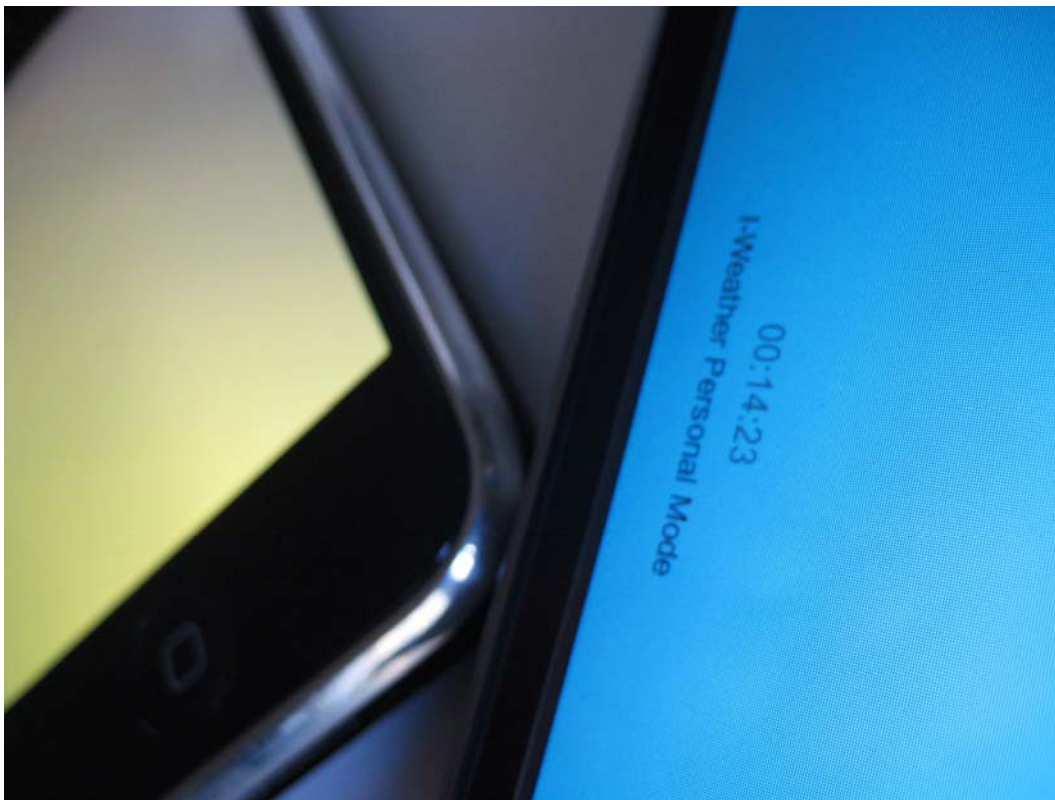
After synchronization, the Global Mode sets itself to the current I-Weather color and time, globally shared. In this case, the iPhone application is set to Global Mode in front of fabric | ch's website using I-Weather as a background. Same shared time, same color and luminosity.



A mobile user is synchronizing himself to the Global Mode. Screen in front of the eyes, 10-15 cm away from them, directly directed towards them.



The interface used to select a personal weather and time to adapt oneself to the particular needs or occupations of a specific time-zone. Once selected, the Personal Mode lasts 15 minutes, like a short light therapy session. It can be repeated two or three times to experience a longer light therapy session.



Detail: the Personal Mode countdown on the HTC Android: 14 minutes 23 and counting (one session in PM lasts 15 minutes).



A mobile user takes a 15 minutes boost of blue light (day time) in Personal Mode.

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## I-Weather Apps

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I-Weather is an international consortium created in 2001 by Philippe Rahm architectes and fabric | ch. It has set itself the goal of creating the world's first artificial climate to satisfy the metabolic and physiological requirements of a human being in an environment partially or completely removed from earthly influences: mediated reality, networks and "netlag", the disruption of the body clock that comes with high mobility, air travel, as well as with extra-terrestrial trips and holidays.

Accessible everywhere and to everybody thanks to the Internet, this artificial climate called I-Weather makes it possible to live in a situation completely removed from natural locations by producing an artificial circadian rhythm synchronized to match the inner cycle of the human hormonal and endocrine system. In the absence of the natural terrestrial cycle of day and night, it becomes apparent that this inner cycle in fact lasts around 25 hours, and that body temperature, the alternation between sleep and wakefulness, and the accumulation and secretion of substances such as cortisone and oligopeptides, all depend on it. [i-weather.org](http://i-weather.org) has therefore put together the first specifically human climate.

In 2010, fabric | ch released two free mobile applications based on the I-Weather open source libraries. One is for iPhones, iPods (Touch) and iPads, while the other one is dedicated to Android platforms (Google phones, HTC, tablets, etc.)

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fabric | ch (97-11)

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