

Integration of XC Therm wind and weather maps

The interactive wind and weather maps from the ICON-D2 model are integrated into an existing page using a so-called iFrame. An iFrame is a window in which an external page can be loaded directly into your own page. The integration requires only one line of HTML code, after which the entire content is displayed on your own website as shown at <https://xctherm.com/icon>.

```
<iframe id="xctherm" title="XC Therm" width="100%" height="100%" style="min-height: 600px"
src="https://xctherm.com/icon?lang=en&lat=46.73&lon=8.33&zoom=6.5" allowfullscreen="true"
allow="geolocation"></iframe>
```

The iFrame already works with the HTML code above. Depending on your requirements, a few additional parameters can be adjusted. The green values can be edited, but the rest of the HTML code should not be changed:

width	The width of the map. At 100%, the entire available width is used. This is usually the desired value. However, a width can also be set manually, e.g. width="500px"
height	The height of the map. At 100%, the entire available height is used. This is usually the desired value. However, a height can also be set manually, e.g. height="600px".
min-height	The minimum height of the map if height is set to 100%. This prevents the map from being cut off on small screens.
lat	The latitude of the centre of the map. It must be specified in decimal format, e.g. lat=46.73
lon	The longitude of the centre of the map. It must be specified in decimal format, e.g. lon=8.33
zoom	The zoom level of the map. A value between 6 and 7 is suitable for small windows, between 7 and 8 for larger windows.
allowfullscreen="true"	Allows the viewer to view the map in full screen mode if selected. After exiting full screen mode, the viewer returns to the original page. If this is not desired, this option can be omitted entirely.
allow="geolocation"	This option allows the viewer to centre the map on their current position. However, a pop-up will also appear in the browser asking if you want to share your location. If this is not desired, this option can be omitted entirely.

For assistance with integration, please contact XC Therm at support@xctherm.com.