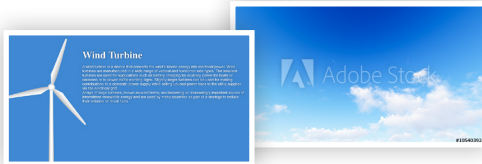*Workshop excerpt taken from the live webinar*

Responsive and Animated SVG with XD, Illustrator and CSS

Add some animation to your SVG files with just a few lines of CSS. Follow along as we explore the possibilities of injecting modern web technologies into your SVG files.

1. Download the following assets

Download the following assets save them to your computer:

Adobe Stock image: Cloud blue sky... *by teerawit*
Project Files: Web Page + SVG... *by Codify Design Studio*

```
color: #fff;
background: #3f88d2 url() no-re
background-size: cover;
```

'images/AdobeStock_105403924_Preview.jpeg'

2. Apply the Adobe Stock image to the background

Move the Adobe Stock image (#105403924)into the images folder of the project files. Then:
- Open the HTML file in Dreamweaver *(or any text/HTML editor)*
- Locate the CSS property of background on line 22
- Add a reference to the Adobe Stock image in the parentheses for url
- Load the HTML page in a web browser to see the changes

```
<style>
    <![CDATA[
        #blades {
            transform-origin: 50% 50%;
        }
    ]]>
</style>
```

3. Open the SVG file in your text editor

Add some CSS code directly into the SVG file within a CDATA tag. Follow the steps below:
- Locate the `/* CSS goes here */` on line 42
- Replace the above text with `<![CDATA[  ]]>`
- Create a CSS rule that targets the blades ID and set a transform-origin property as follows: `transform-origin: 50% 50%;`

```
#blades {
    transform-origin: 50% 50%;
}

@keyframes rotate_blades {
    0%   { transform: rotate(0deg); }
    100% { transform: rotate(360deg);
}
```

4. Create CSS Keyframes within the SVG file

After the CSS rule targeting the #blades element, create two keyframe rules with a name of "rotate_blades" using the @Keyframes like this:
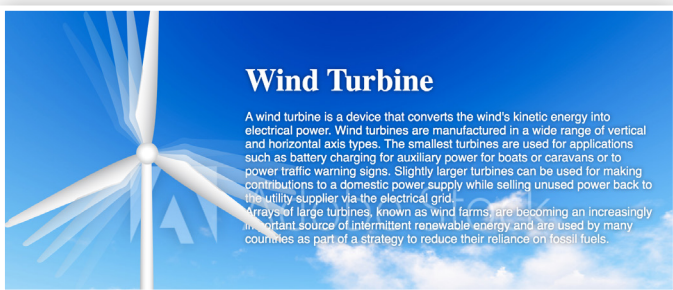
```
@keyframes rotate _ blades {
    0%   { transform: rotate(0deg); }
    100% { transform: rotate(360deg); }
}
```

5. Applying a CSS animation to an SVG element

With the CSS keyframes named and defined, apply it to the #blades rule as an animation property like this:

```
#blades {
    transform-origin: 50% 50%;
    animation: rotate _ blades 9s infinite linear;
}
```

Preview your animated SVG in a web browser!

Wind Turbine

A wind turbine is a device that converts the wind's kinetic energy into electrical power. Wind turbines are manufactured in a wide range of vertical and horizontal axis types. The smallest turbines are used for applications such as battery charging for auxiliary power for boats or caravans or to power traffic warning signs. Slightly larger turbines can be used for making contributions to a domestic power supply while selling unused power back to the utility supplier via the electrical grid. Arrays of large turbines, known as wind farms, are becoming an increasingly important source of intermittent renewable energy and are used by many countries as part of a strategy to reduce their reliance on fossil fuels.

St Make it with Adobe Stock.

Watch the webinar recording

Watch *Responsive and Animated SVG with XD, Illustrator and CSS* in its entirety from the Creative Cloud Events on-demand access page.