Generating Profile Pictures to help mobilize millions

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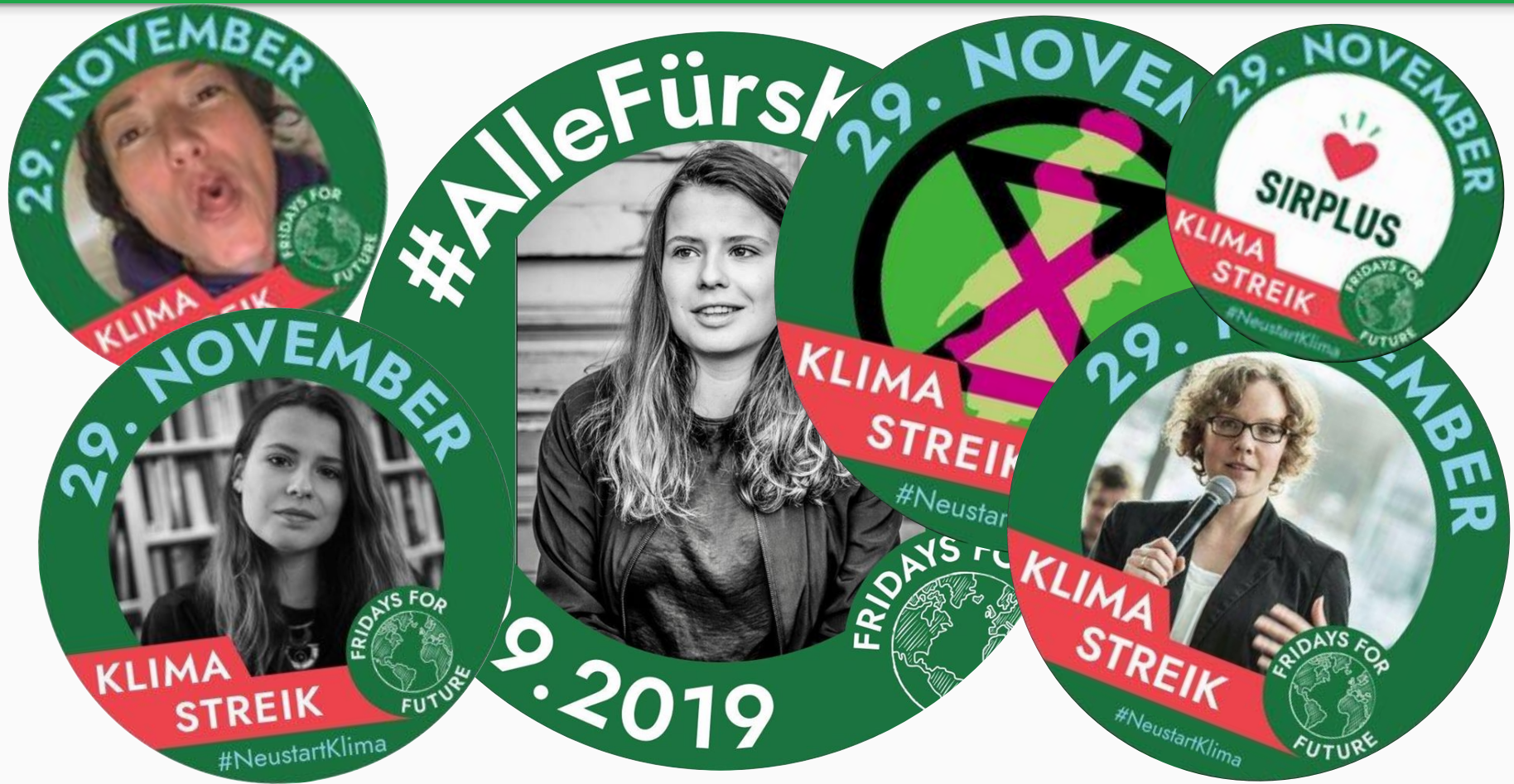
7 000 000

At the #3 Global Climate Strike 20.-27. Sep. 2019

Background Image: Henning Schlottmann (CC BY-SA 4.0)

Profile Pictures



The new generator

https://fridaysforfuture.de/neustartklima/profilepicture-generator/

Outline

- Problems of the old generator
- Failed ideas for the new generator
- The final solution

The old Generator

Slow

Resource Intensive

Only German

Idea 1: SVG

No Browser Consistency

Big template files

Can’t include local files

Idea 2: Canvas, no Templates

Hard to recreate SVG images

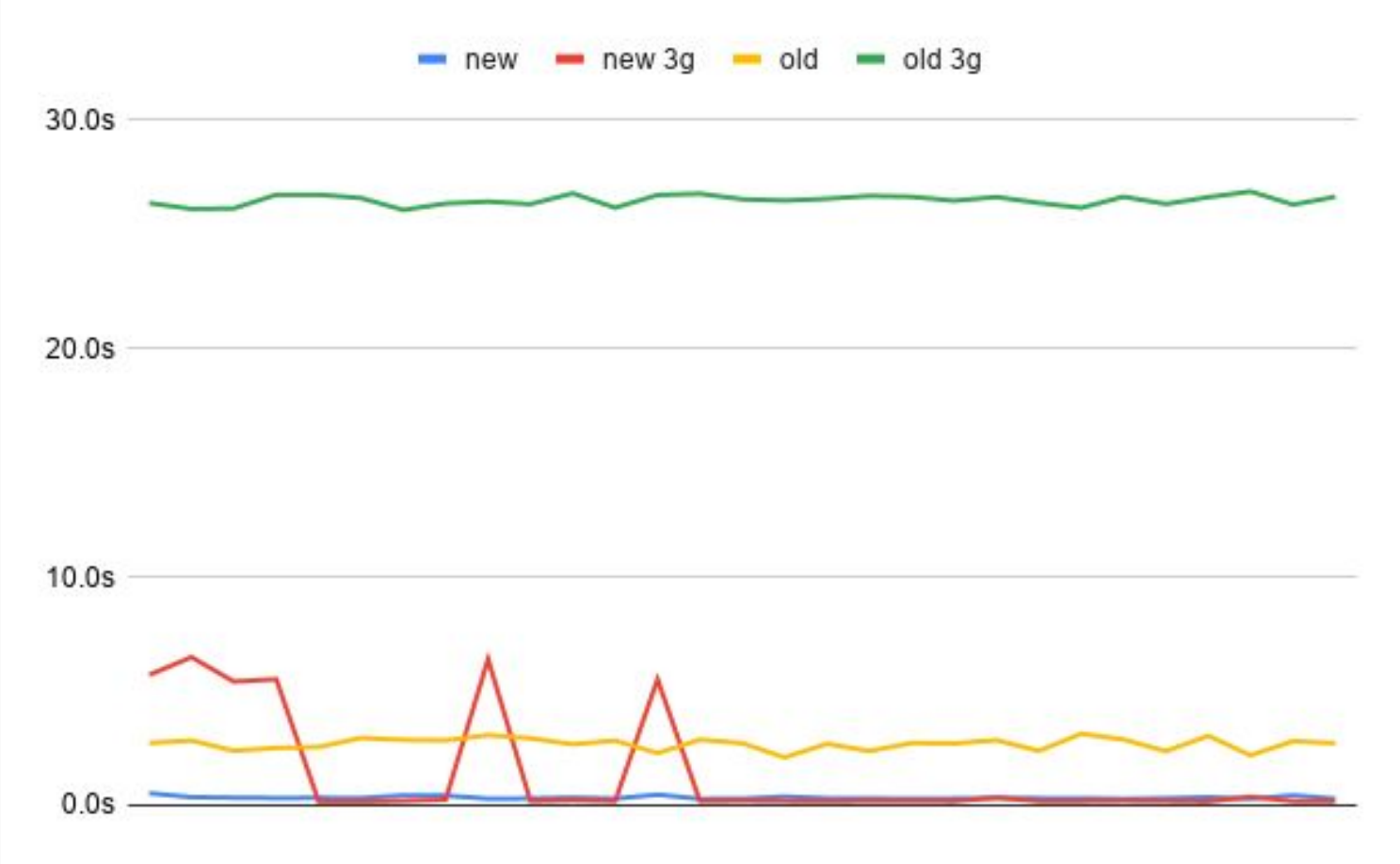
Font Loading

Solution: Canvas + Templates

SVG Templates rendered as PNG

Combined with Profile Picture using Canvas

Speed Comparison



Conclusion

Don’t use complicated SVGs

SVG + local files doesn’t work

Canvas rendering is fast

Caching help a lot for slow networks

29.11.

13:00

Global

CLIMATE STRIKE

FRIDAYS FOR FUTURE

Den Haag, Plein

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