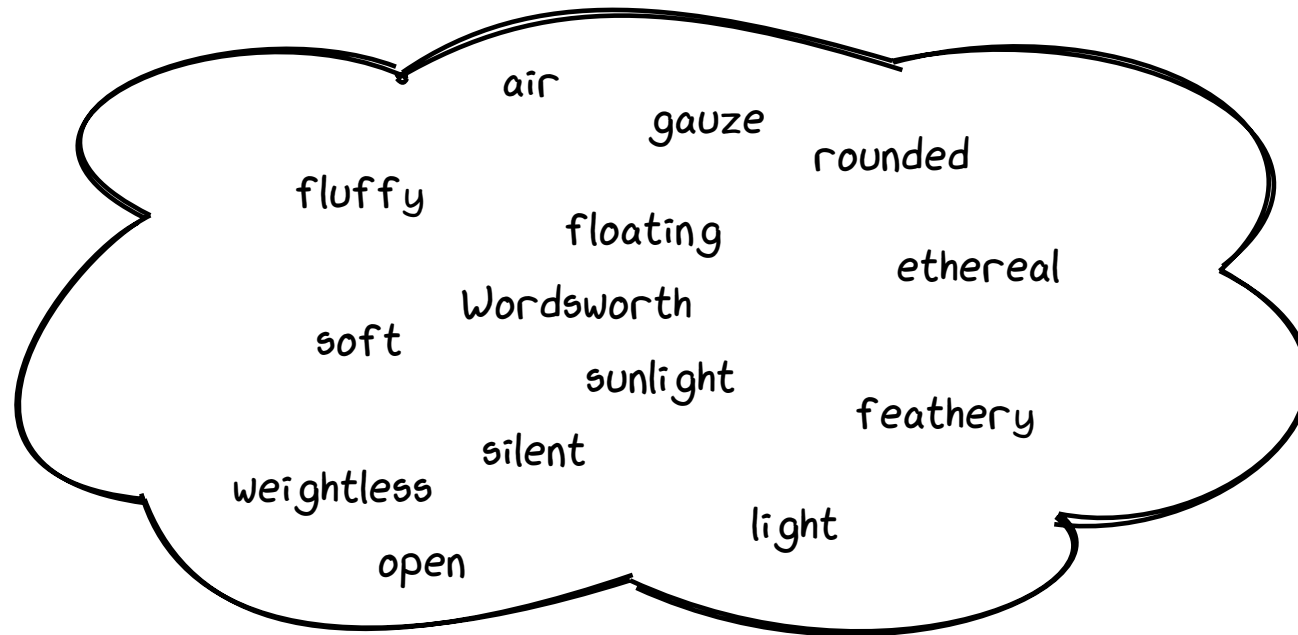


THE BOTTOMLESS DATACENTRE



sustainable cloud computing

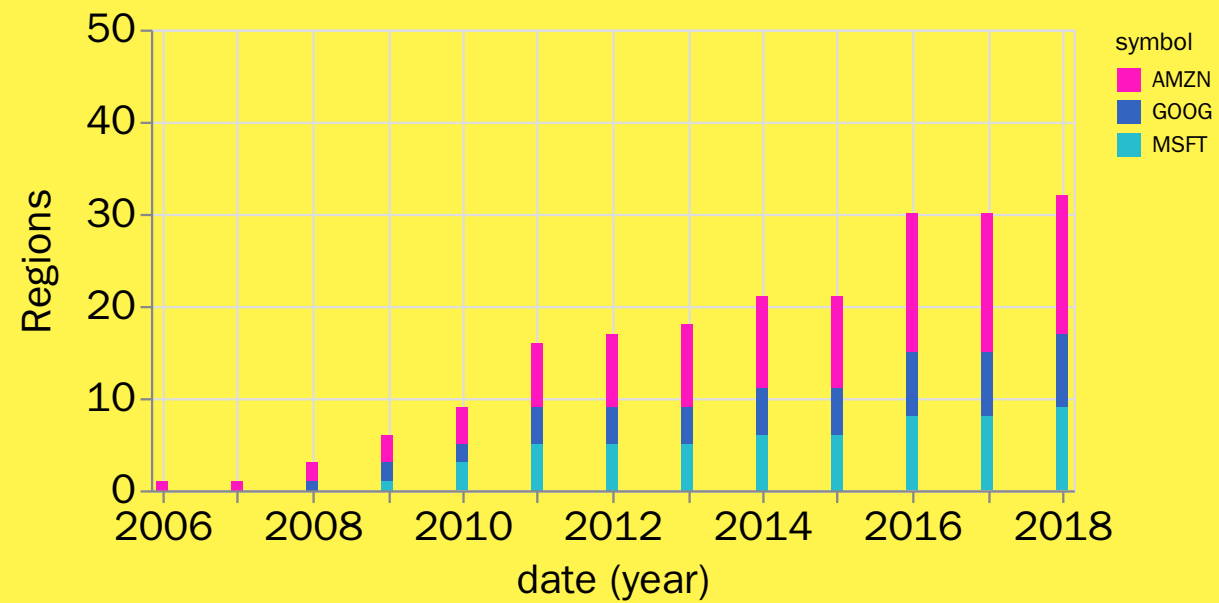
NEWSPEAK



TRANSLATION

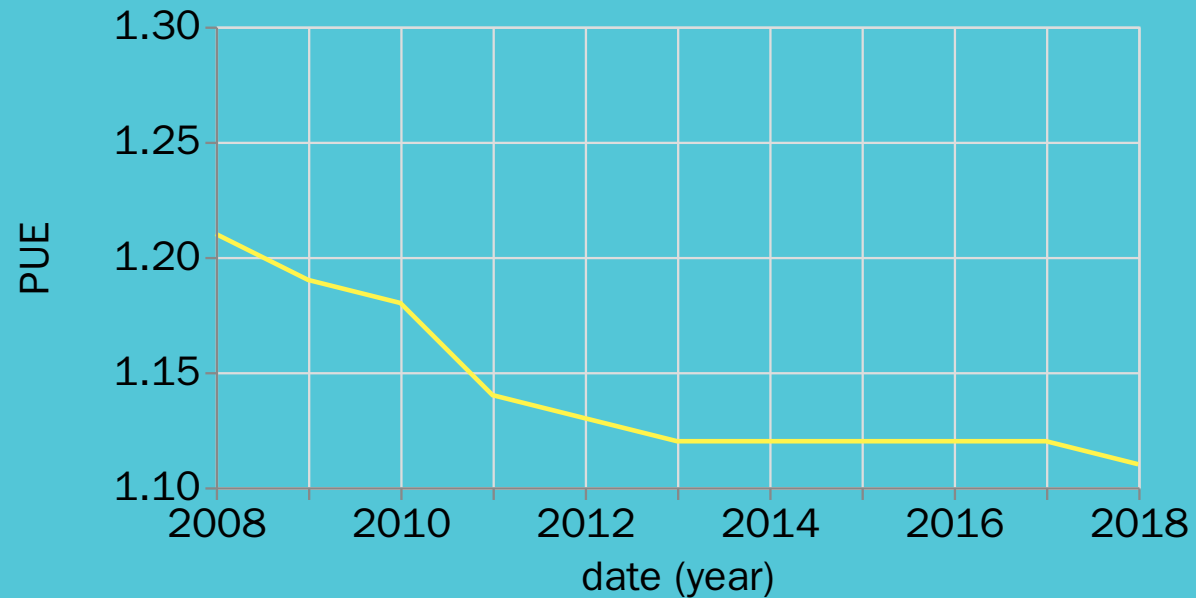
barbed wire
cooling fans
rectangular
industrial
warehouse
heavy
security
rows of racks
artificial light
unsightly
physical infrastructure
box
cables
metal
blinkenlights
electric hum

COMPUTE-1 AND UP



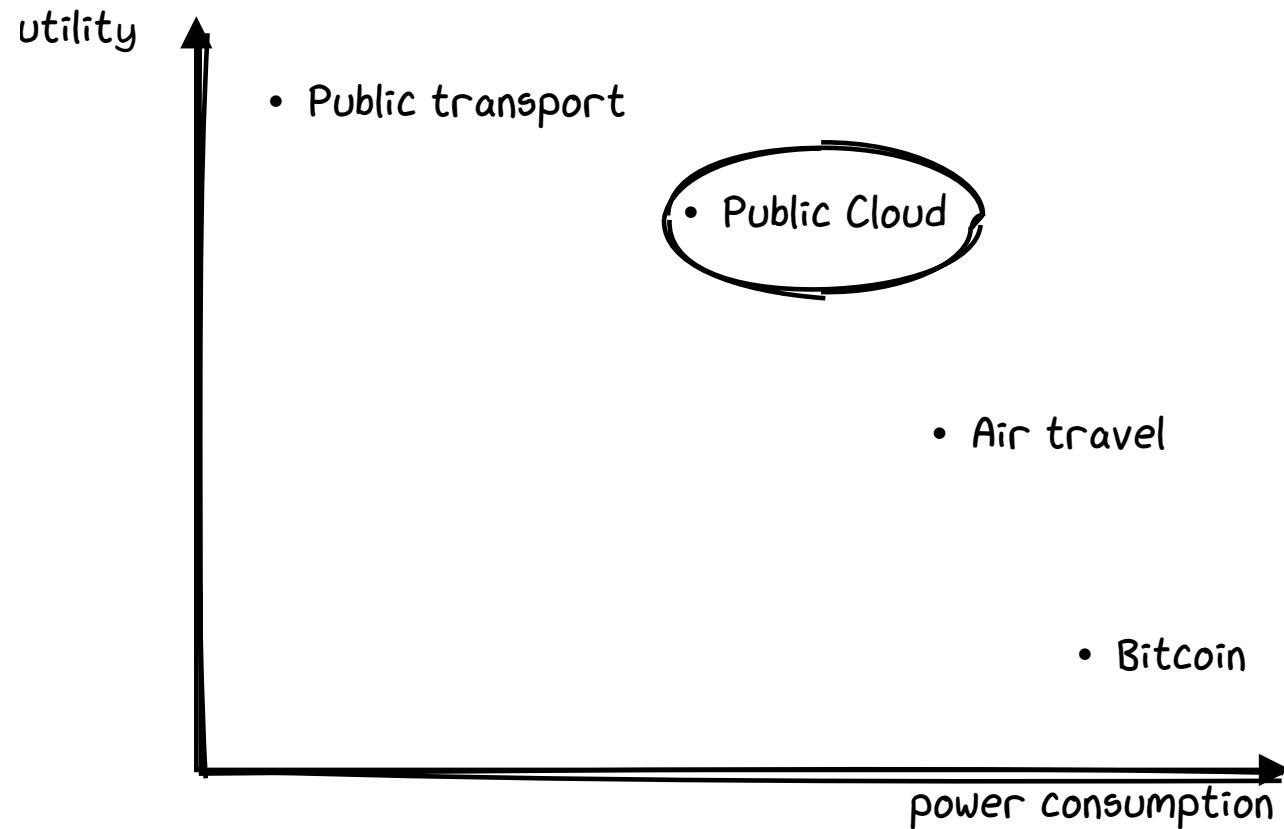
INCENTIVES

$$\text{PUE} = \frac{\text{Watts in}}{\text{IT watts}}$$



Power usage effectiveness data by [Google Data Centers](#)

ENERGY MIX



PHOENIX CI

```
FROM golang:1.11.1 as builder
WORKDIR /go/src/github.com/gerald1248/k8s-network-policy-viewer/
COPY * ./
RUN go mod download && go get && go vet go test -v -cover && \
    go build -o k8s-network-policy-viewer .
```

```
FROM ubuntu:18.10
WORKDIR /app/
EXPOSE 8080
COPY --from=builder ../k8s-network-policy-viewer /usr/bin/
USER 1000
CMD ["k8s-network-policy-viewer", "-s=true"]
```

AND ON