

An Eco-Comparison Between E-mail & Google Wave

Why Google Wave is Greener than e-mail & how Google have solved their e-mail storage problem.

by Ivan Pols www.retry.tv

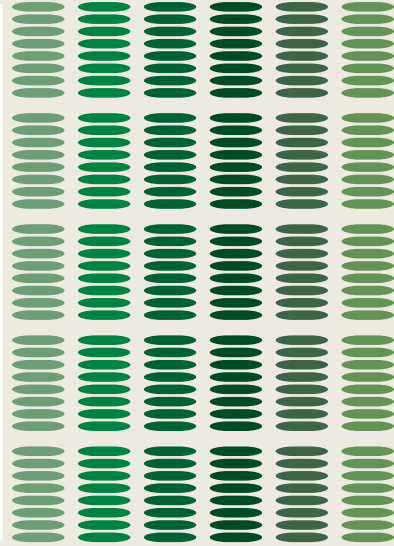
*This is a rough piece of math based on my company Lotus Notes Inbox for internal communication only.

E-mail

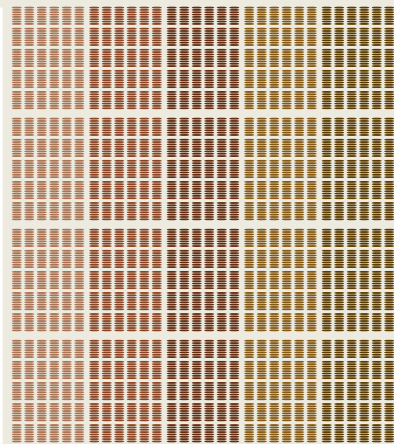
1 Project 

8 Users 

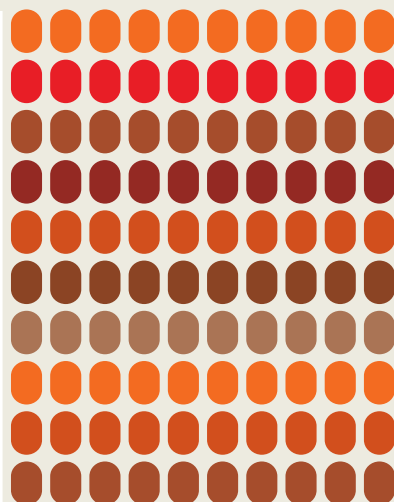
30 "copy all" e-mails
x 8 users
= **240** copies of e-mail



240 copies of e-mail
@ 1MB per e-mail
x 20 project exchanges
= **4.68GB** per project



4.68GB per project
x 100 projects per year
= **468.75GB** storage




Google Wave


wave.google.com

1 Project 

8 Users 

30 wave updates
x 8 users
= **1** Wave 

1 wave @ 1MB
x 20 project waves
= **20MB** per project 

20MB per project
x 100 projects per year
= **2GB** storage 

Google Wave uses **0.426%** of the hard drive storage space that e-mail does.

It seems Google Wave could be a major tool in lowering a company's Carbon Footprint. With fewer hard drives for storage, you use less energy and create less landfill. Seems like a good reason to plan an upgrade.