



Lightstream

LightStream is a secure cross-platform data transfer technology

Problem/solution:



01. Boardroom where you need to share a document with 20 people quickly. Devices can get data securely from 1 screen



02. Sharing work files with colleagues on a plane, where internet is slow



03. Meeting a new client at a cafe, exchanging confidential contracts. With 100% discretion

Demo-time



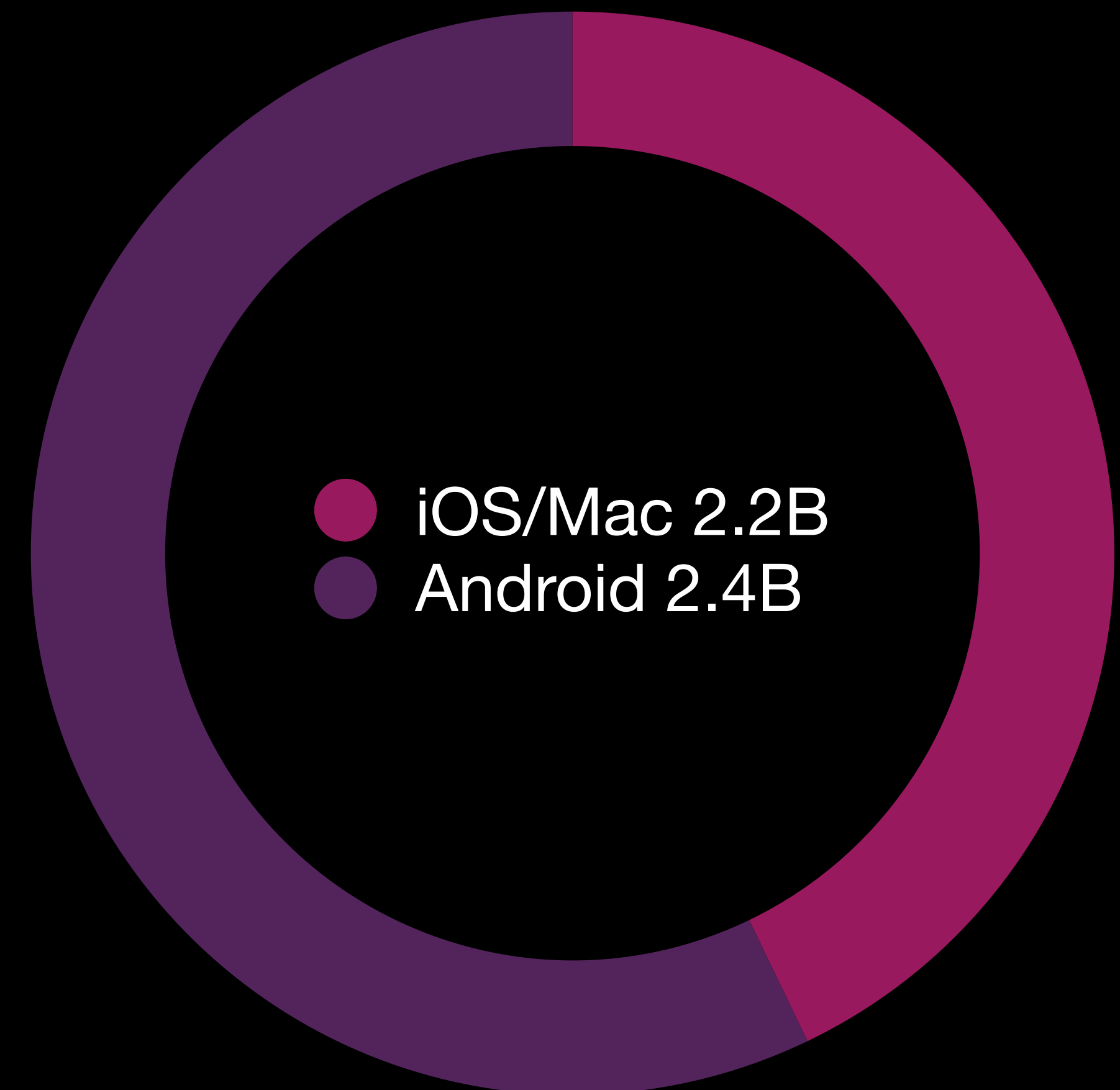
Market/opportunity:

iOS / macOS:

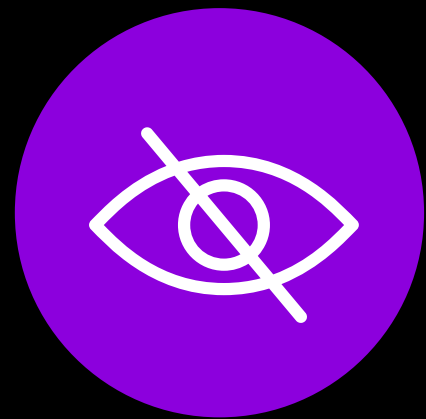
Primary focus: iPhones and Macs.
Many people buy apple products for their security and trust

Android:

Secondary focus: Android phones.
One of the main selling points of Lightstream is that it works cross-platform



Why now pt1:



01. People are more conscious about their privacy.

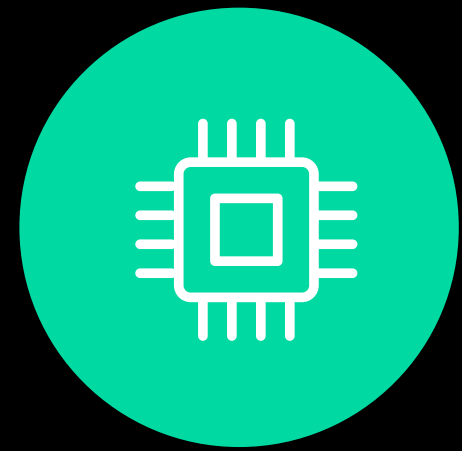


02. Cambridge-Analytica events are happening more often

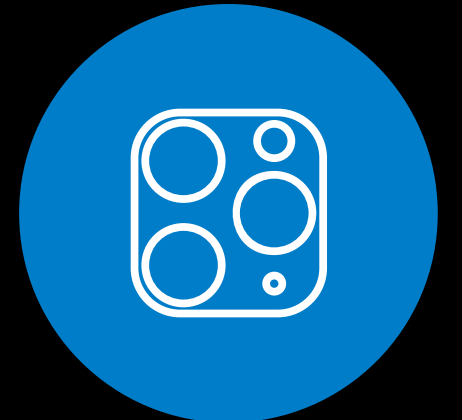


03. Companies must handle data with care or risk penalties through EU (GDPR)

Why now pt2:



01. Devices finally have CPU's to analyse visual input fast enough



02. Cameras finally have FPS / Resolution / zoom-lense for (distance) / perspective lense for (near field)



03. GPU-programming is more common, for analysing visual data because of AI/ML. Assigning micro tasks to 1000s cores

Validation / traction:



Morten Just (Senior engineer Google)

Very cool. Optical carrier! I had some friends at Google working on a similar system, but using ultrasound.



Sindre Sorhus (Nr.1 gitthubber in the world)

Very cool! I would definitely use this.



Vincent Esche, (Contributor to Apple swift)

That looks pretty darn nice!

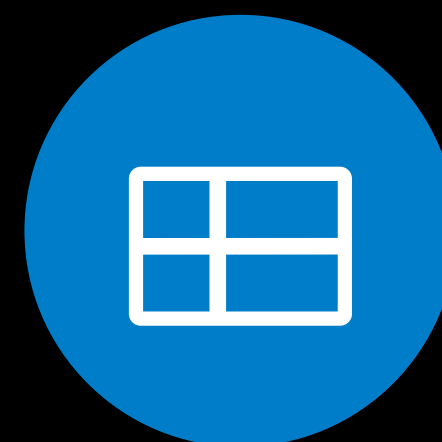
Business model:



01. Revenue: Charge subscription fee for PassBook, a password manager that synchronises data via Lightstream.



02. Scaling: When peak speed is reached. Adoption will happen by being first to market / word-of-mouth / branding.

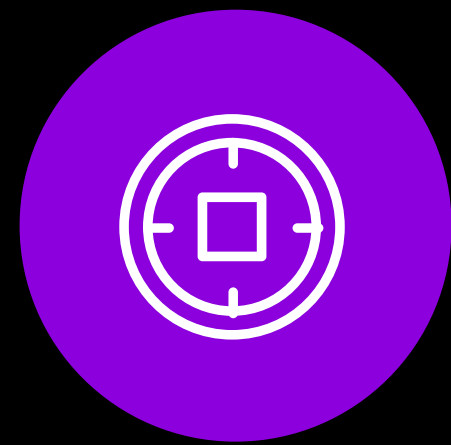


03. Trust: Made in Norway by renowned developer, will help establish a trusted brand.

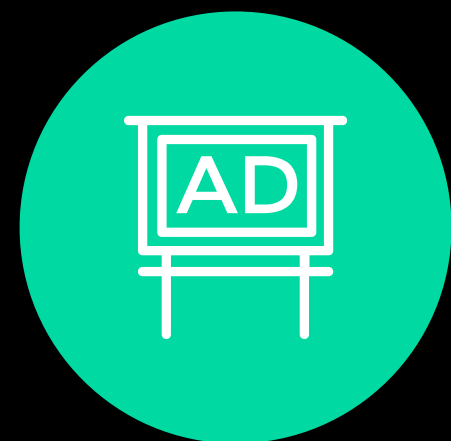
Expansion:



01. Expand through offering other apps access to the lightstream-libraries



02. Expand through bundling with other security utilities: 2fa-apps, credential-apps, btc-wallet



03. Potential partnerships with street billboard companies etc

Competitors:



01. Direct: Cobra / RainBar. Master student thesis's. Reached speeds of up to 30-KBPS on android phones.



02. Adjacent: Apple's AirDrop, Googles NearBy. Works over RF. Requires authentication. Subjected to interception.



03. Future: This technology is in the fringes at the moment, but more will start to show up. Jab-code etc.

Why is lightstream better:



01. Projected to reach 100-KBPS within months of deep-focus work, through GPU optimizations + modern hardware



02. Projected to reach 300-KBPS and beyond through a potentially patentable algo code-name FT



03. Already has better User-Interface User-Experience , platform-support, branding.

Who is making it:

André Jørgensen (Super-dev / Hype-machine)

10+ Years experience making Digital Products (Telia, Tidal, Anti, B-reel)

Top 5 Githubber in Norway for 5+ years. 100+ big/small products shipped, Multiple Successful launches on producthunt.com

Has mobilized the absolute elite of developers in the organisation
github/light-stream

Why this team:

Intimate knowledge with the tech. I have been developing this iteratively on the side, the last 3 years in my free-time.

I have shown that I can do hype-machine efforts, when launching products. Website, mobilising, branding.

Elite developers are starting to become self-sufficient when it comes to product dev/launch. Missing skill-sets can be acquired as a temp service until funding/validation enables a proper team to be formed.

Roadmap 2020 / 2021:



2020

- Speed optimisation (30-100KBPS)
- Launch on AppStore
- Project PassBook



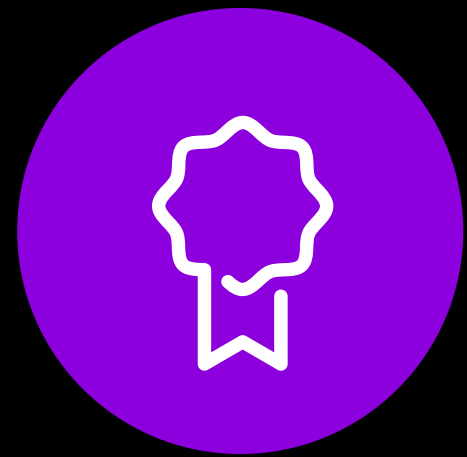
2021

- Project FT (Speed improvement: 0.5 - 1.0MB)
- Android / WebBrowser support
- Partnerships

Funding, enables:



01. Reach near max speed potential, current level of HW-tech



02. Build prototype and prepare paperwork, file patent for project FT



03. Get first versions of Lightstream and PassBook on the app-store

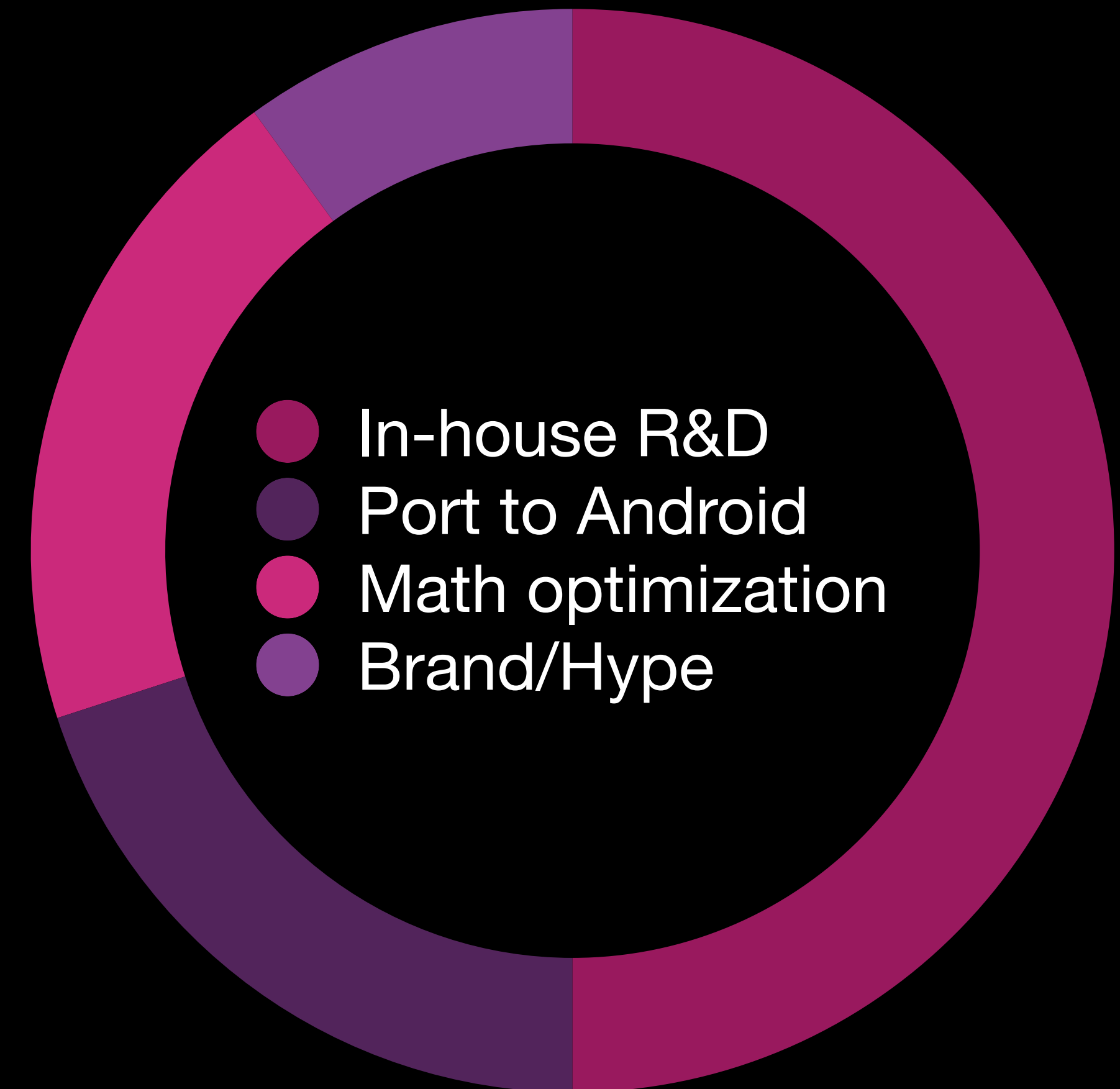
Funding, usage:

50% In-house R&D, Development,
Testing, Validation

20% Port lightstream modules to Android.
Via gitpay.me / issuehunt.com

20% Help with mathematical optimisations
Via math.stackexchange.com

10% Improve branding, Design, Website,
Hype-efforts



In active development:



lightstream.to (100+ visits / week)
github.com/light-stream (2000+ commits)