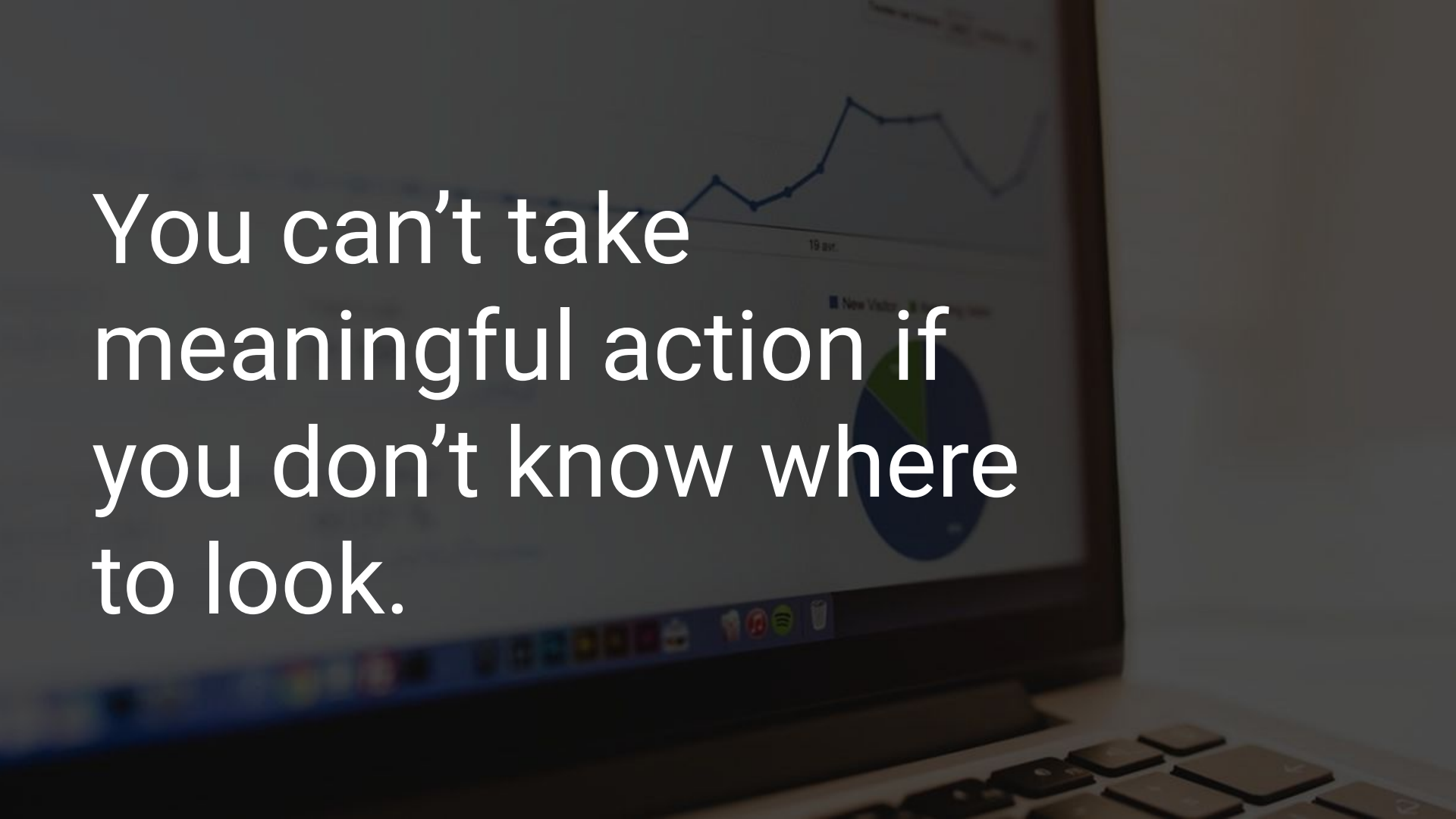**Locating** and **understanding** the textile industry and its impact on water.

You can't take meaningful action if you don't know where to look.

Data is hidden and scattered

S.L NO.	Name of the Mill with Managing Director / Contact Person	Address Head Office & Mill Site	Telephone, Fax & E-mail	Main Product [Yarn Count]	Installed Capacity with Annual Production & Export Capacity
1.	A & A Textiles Ltd. Hafizul Islam	120, Noor Ahmed Road, Chittagong. Sonaichari, Kumira, Sitakunda, Chittagong.	620785, 612782 880-31-610580	Yarn	2,560 Rotors. 2.30 M. Kgs.
2.	A.T & T Spinning Mills Ltd. Md. Mukhlesur Rahman	60 (Old), 86 (New), Bangabandhu Road, Narayanganj. Jamairdia Masterbari, Valuka, Mymensingh.	7645958, 7634008 880-2-7634003 www.nrggroup.com Fac: 8836347, 8836763-64	Yarn	20400 Spindles 9 Autocone 5790888 Kgs. 100%
3.	A.S.F. Fibre Mills Ltd. Miss. Sahajadi Akter Shoshi (MD) Abul Kashem	Senakalyan Bhaban (Floor-11) Suit No.-1106, 195 Motijheel C/A, Dhaka-1000 Bharadoba, Valuka, Mymensingh	7116678, 880-2-7116575 01711420140 msml3ho@gmail.com www.multazimgroup.com	Yarn	21672 Spindles 7 Autocone 4197500 Kgs. 4380000 Kgs.

BANGLADESH

MANUFACTURING FACTORIES

TYPE	NAME	FACTORY ADDRESS
SUPPLIER	FAKIR APPARELS LTD.	
FACTORY	FAKIR APPARELS LTD.	16/17A BSCIC INDUSTRIAL AREA, ENAYETNAGAR, FATULLAH 1400, NARAYANGANJ
SUPPLIER	DENIMACH LTD	
FACTORY	DENIMACH LTD.	KEWA, MASTERBARI, SREEPUR 1740, GAZIPUR
SUPPLIER	NATURAL SWEATER VILLAGE LTD.	

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Name ▼	Address ▼	Country	Product Category	No of Workers	Tier
4S Industria De Confeccoes Ltda - Me	R. Valentin Schmidt, 255,89150-000,Presidente Getúlio	Brazil	Apparel	1-1000	Tier 1
8 Mart d.o.o. Fabrika Novi Kneževac	Vojvode Mišića 15,23330,Novi Kneževac	Serbia	Apparel	1-1000	Tier 1
8. Mart d.o.o.	Sencanski Put,24000,Subotica	Serbia	Apparel	1-1000	Tier 1 Tier 2
A Mutz Y Cia Sa	Catalina De Boyle,sem informação,Buenos Aires	Argentina	Accessories	1-1000	Tier 1 Tier 2
A One Polar Ltd	Vulta,1462,Narayangonj	Bangladesh	Apparel	1001-5000	Tier 1 Tier 2
A TO Z Printing Ltd.	221/A Tejgaon Industrial Area,1208,Dhaka	Bangladesh	Accessories	1-1000	Tier 2
A.B.N. Confecções Ltda Me	R. Belo Horizonte, N° 197,89124-000,Benedito Novo	Brazil	Apparel	1-1000	Tier 1

What if we
knew **where** to look?
knew **who** to talk to?
saw the impact?

Data Cats
our team
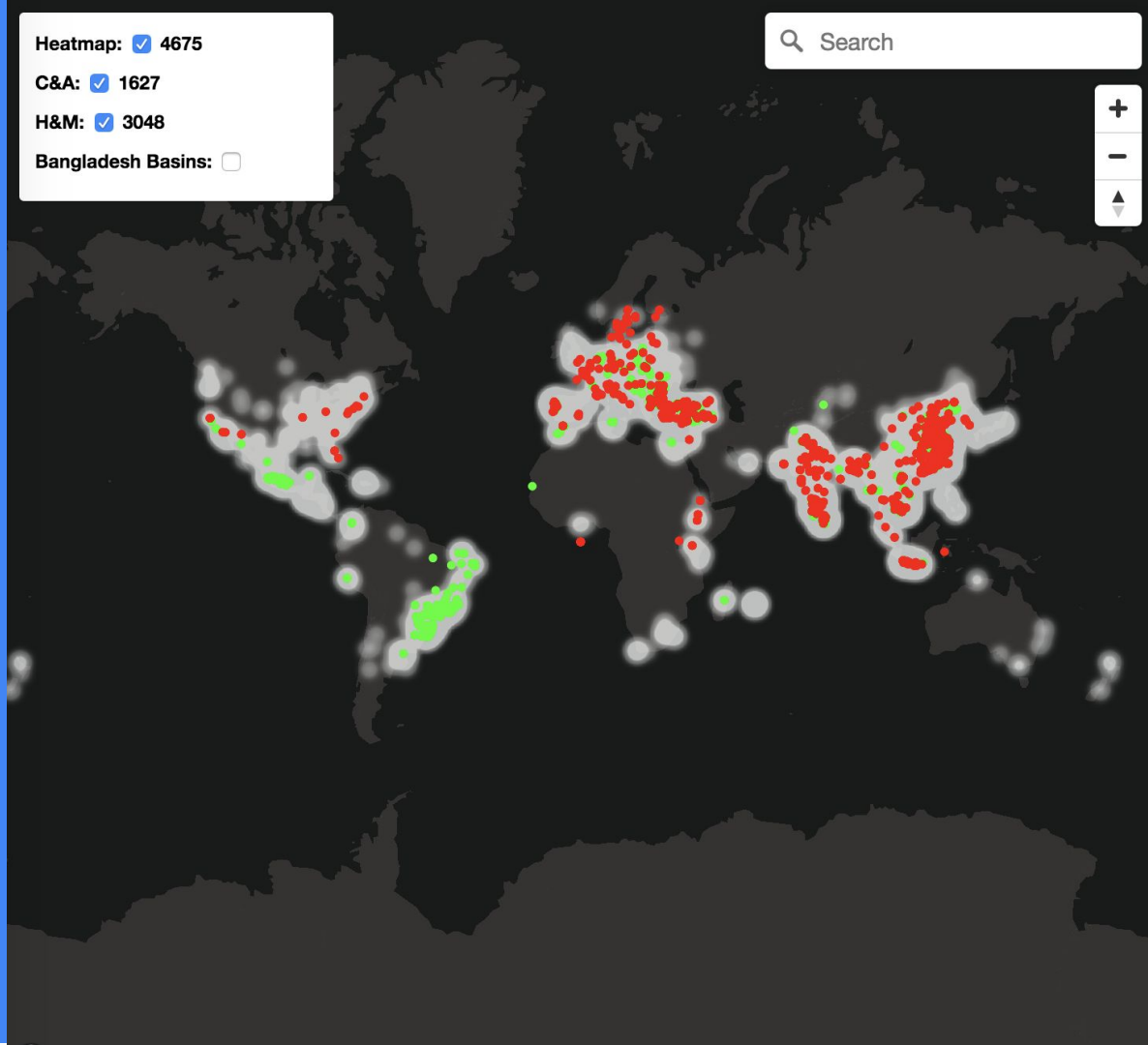
Scraping Cat	Mapping Cat	Catching Cat	Cat Cat
Vladislav	Thibault	Aman	Cat

The solution

Textile industry data and water understanding at your fingertips.

Product Demo

Our Progress

Evolution of the Cat
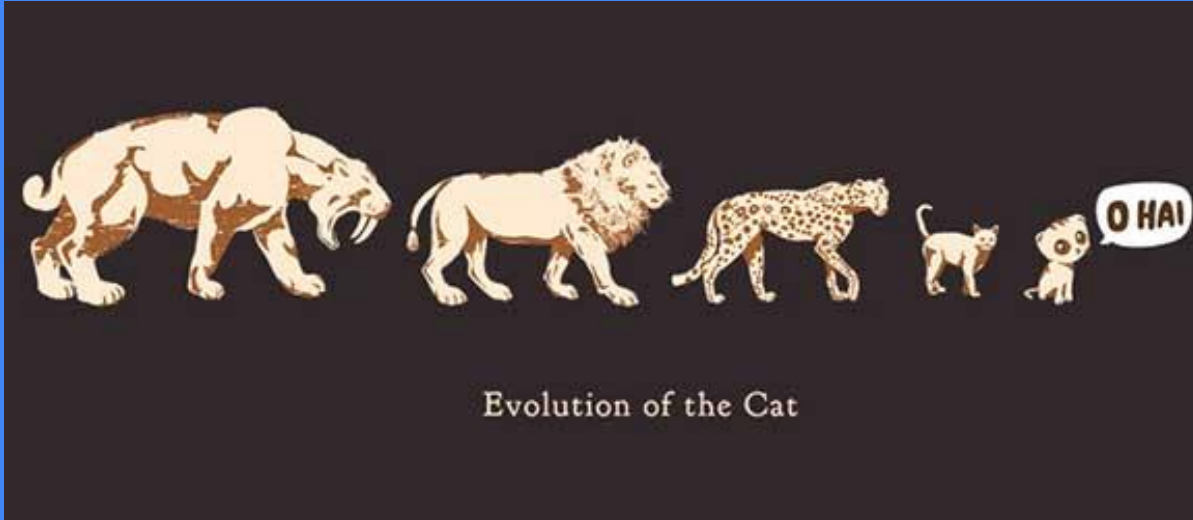
Current Superpowers:

- ~5k Factories already mapped

We have way more listed in our backlog!

- Factory Data

   Measurable Global locations

      By brands
      By location
      By basin

   Measurable Location density

- Finding new sources about impacted Regions

- Satellite Analysis of Factory Impacts on water

(useage, drain,…)

Future Development

...The Data is there!

Step 1

❖ Improve data quantity

● Collected sources (brand data, local independent data)

❖ Improve data quality

● Granularity (tiers)
● Tagging (type, fabric)

Step 2

Accessibility for WWF

- User Interface
- Data Entry (API)

Step 3

Grow
Dataset $+$ Scaling
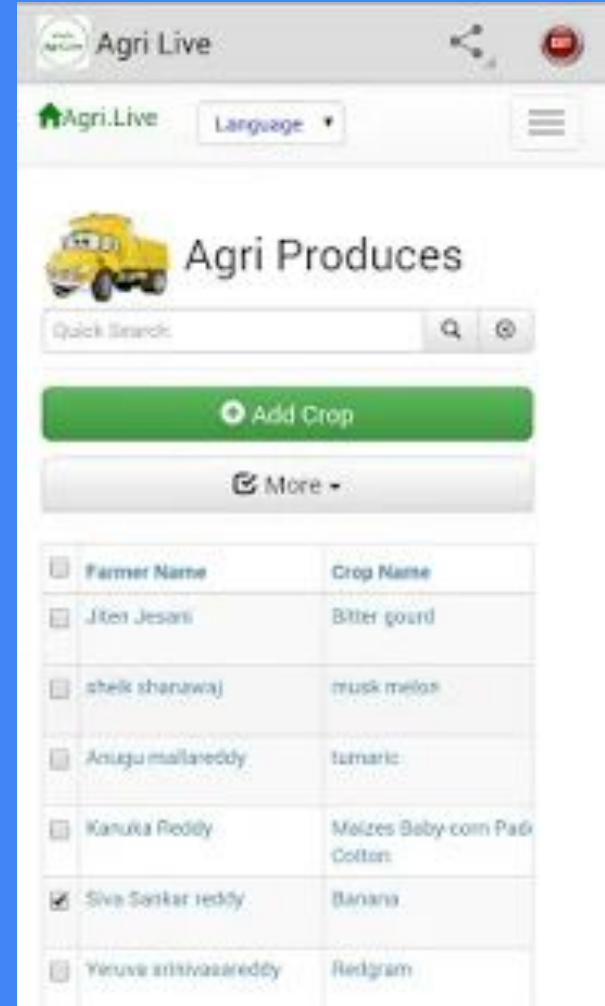
Option 1:

Tapping hidden data sources

- Sector Platforms ("yellow pages")
- Trade Associations
- Unions
- Research Projects

DYEING MILLS

PRINTING MILLS

PROCESSING HOUSE

GINNING MILL

SPINNING MILL

DYES AND CHEMICA...

Option 2:

Supply Chain Crowdsourcing

- Mobile platform
- Build Marketplace, app for supply chain actors (India E-NAM)

Option 3:

Train ML/CV models

- Automate search
- Risk identification

The Data is out there,
Let's just connect the dots!

Thank you.

Github:

https://github.com/ThibaultJanBeyer/humanitarianhackathon

Research:

https://docs.google.com/document/d/178z4FcB9OHZUY-yB5nX47QQ7atokdAixffCFQpCZ5Hs/edit

Connect:

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