


WORLD
RESOURCES
INSTITUTE

MAKING BIG IDEAS HAPPEN™

COUNT IT! CHANGE IT! SCALE IT!



The challenge:

An area of tropical tree cover the **size of Bangladesh** was lost in 2017 alone.

Source: Global Forest Watch 2018

If tropical deforestation were a country, it would be the **third biggest emitter** of green house gases in the world.

Source: Seymour and Bush 2017

It is one of the main **causes for biodiversity loss** globally.

REMOTE
SENSING

CLOUD
COMPUTING

BIG DATA

GLOBAL
FOREST
WATCH

GFW provides unprecedented capacity for monitoring at very large scale:

See change at a **global scale**
in areas as small as a **football penalty box**
as recent as **last week**

Tree cover loss (zoom in for most accurate viewing)

Lat/long: 1.638963, 22.429687





**Computer
generated
automatic
alerts**



REMOTE
SENSING



CLOUD
COMPUTING



BIG DATA

GLOBAL
FOREST
WATCH



Illegal logging road in Peru: **weekly change**

Source: UMD Glad alerts, available on GFW

Partnership work with governments



ENGLISH

FRANÇAIS

Atlas Forestier Interactif du Cameroun

Un outil pratique pour comprendre et travailler dans le secteur forestier du Cameroun



Explorer la Carte



Télécharger les Données



Analyser les Données



Voir les Tutoriels

Photo © jbdodane.com

Create your own, government-managed, Global Forest Watch



ATLAS FORESTIER DU CAMEROUN

Ministère des Forêts et de la Faune

TÉLÉCHARGEZ LES DONNÉES

Sokoto



Layers

[Tout sélectionner](#)

[Tout effacer](#)

EVOLUTION DE LA COUVERTURE DE...

AFFECTATION DES TERRES

☒ Permis miniers

Transparency

☒ Zones d'intérêt cynégétique

Transparency

☒ Ventes de coupe

Transparency

☒ Forêts communautaires

Transparency

☒ Plantations agro industrielle

Transparency

☒ Forêts de production

LÉGENDE

Permis miniers

Permis d'exploitation

Permis de recherche

Zones d'intérêt cynégétique

Zone de chasse à gestion communautaire

Zone d'intérêt cynégétique

Ventes de coupe

Active

Inactive

Forêts communautaires

Convention définitive

Convention provisoire

Plantations agro industrielle

Forêts de production

Forêt communale classé

Forêt communale non classé

UFA non classé

UFA classé

Aires protégées

Créé

Proposé

0 100 200km

Partnership work with private sector

COUNT IT

We collected data



Commodity related datasets made available in platforms (eg: palm mill list)



Methods created for supply chain assessments (eg: palm risk tool)

CHANGE IT

We partnered with organizations to apply this data to their operations and test use cases



SCALE IT

Once the strategy was successful, we looked in ways to scale it up

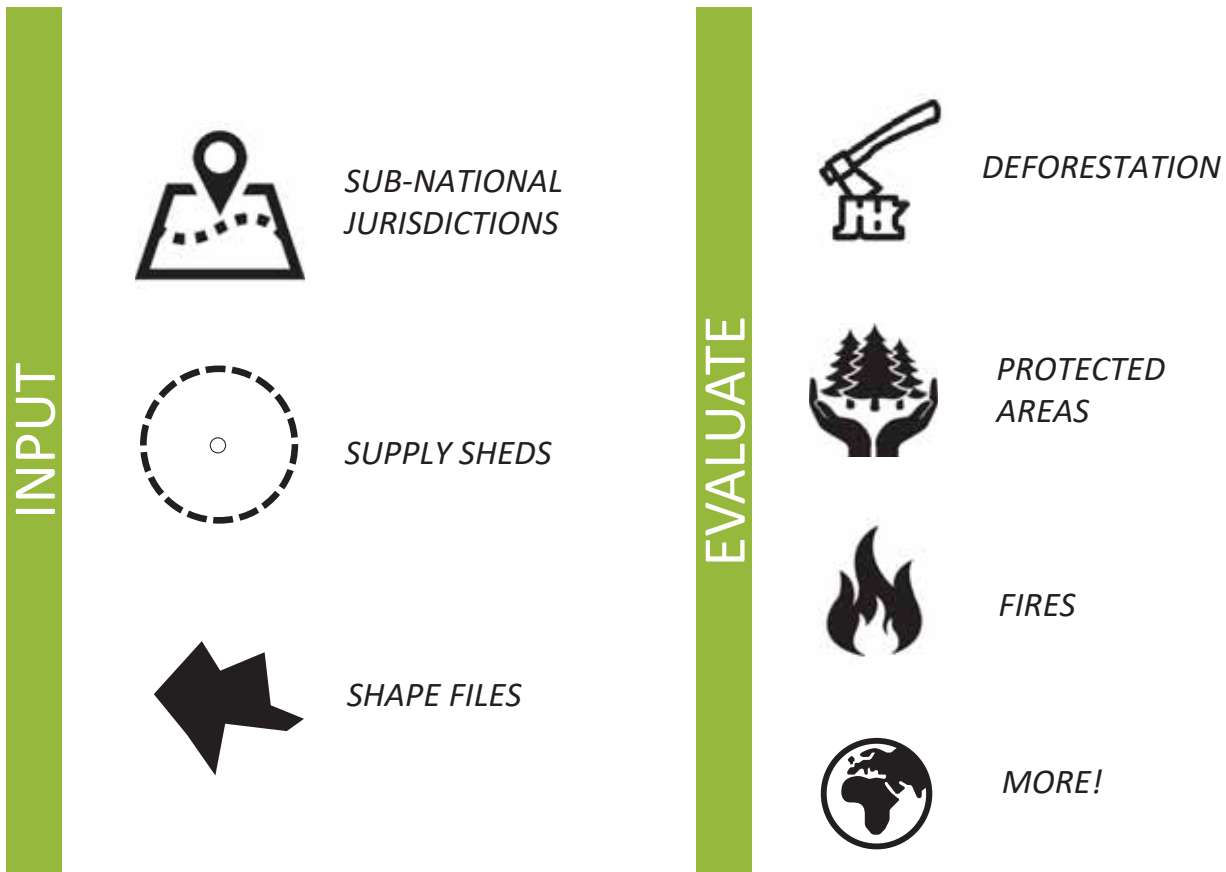
What if everyone, everywhere could do it, without depending on us?



Concept note launched at WEF 2017, led to the creation of



How does it work?



Visit pro.globalforestwatch.org for more info

GLOBAL
FOREST
WATCH
PRO

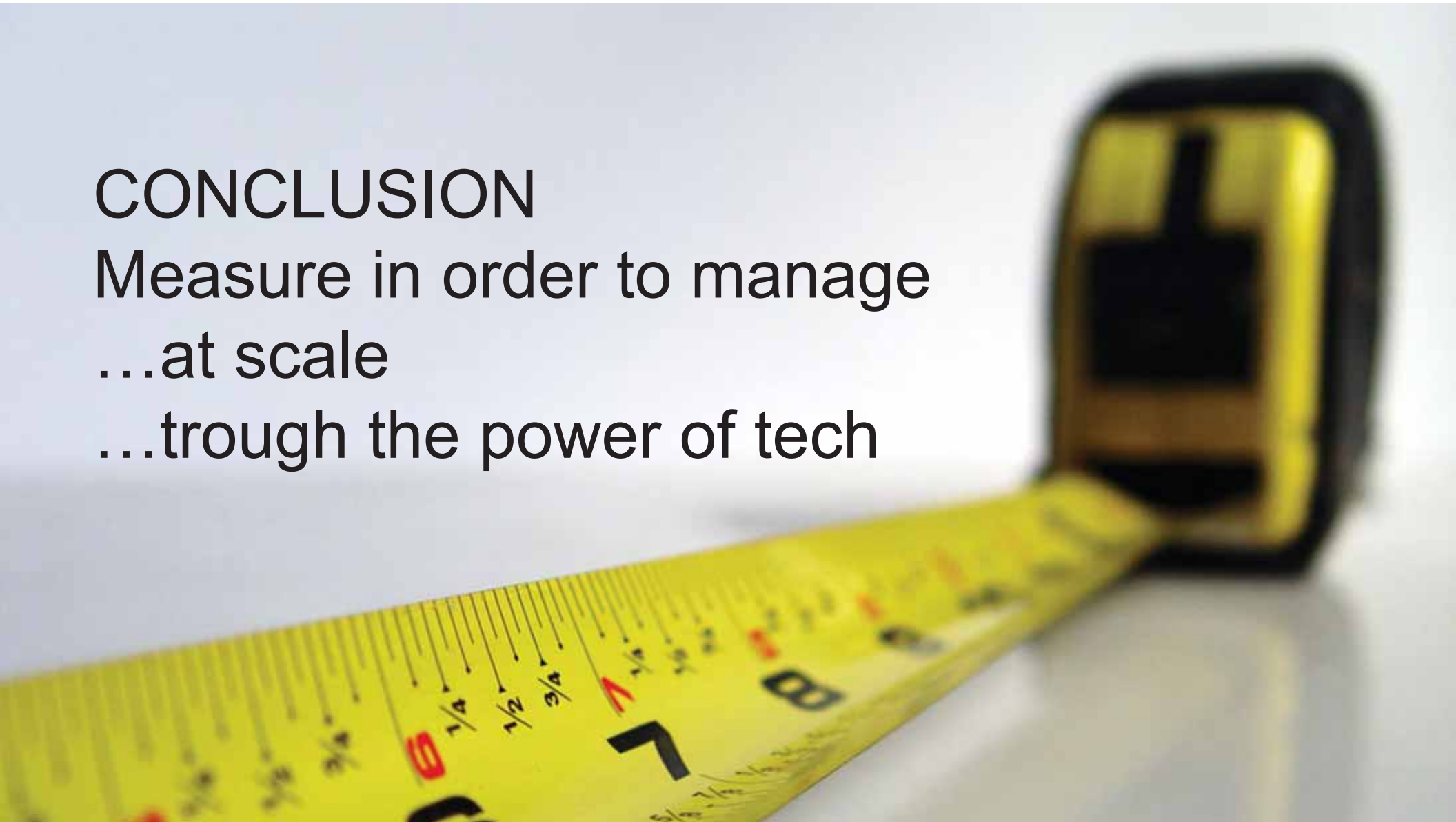


Play



CONCLUSION

Measure in order to manage
...at scale
...through the power of tech



Thank you

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World Resources Institute