



IGN
Forest remote sensing



AgroParisTech
Forest modeling



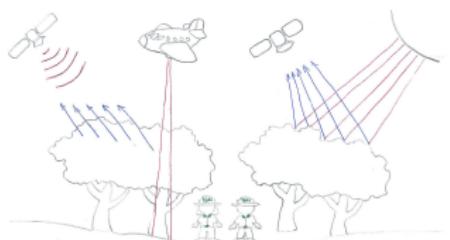
Météo France
Weather
remote sensing

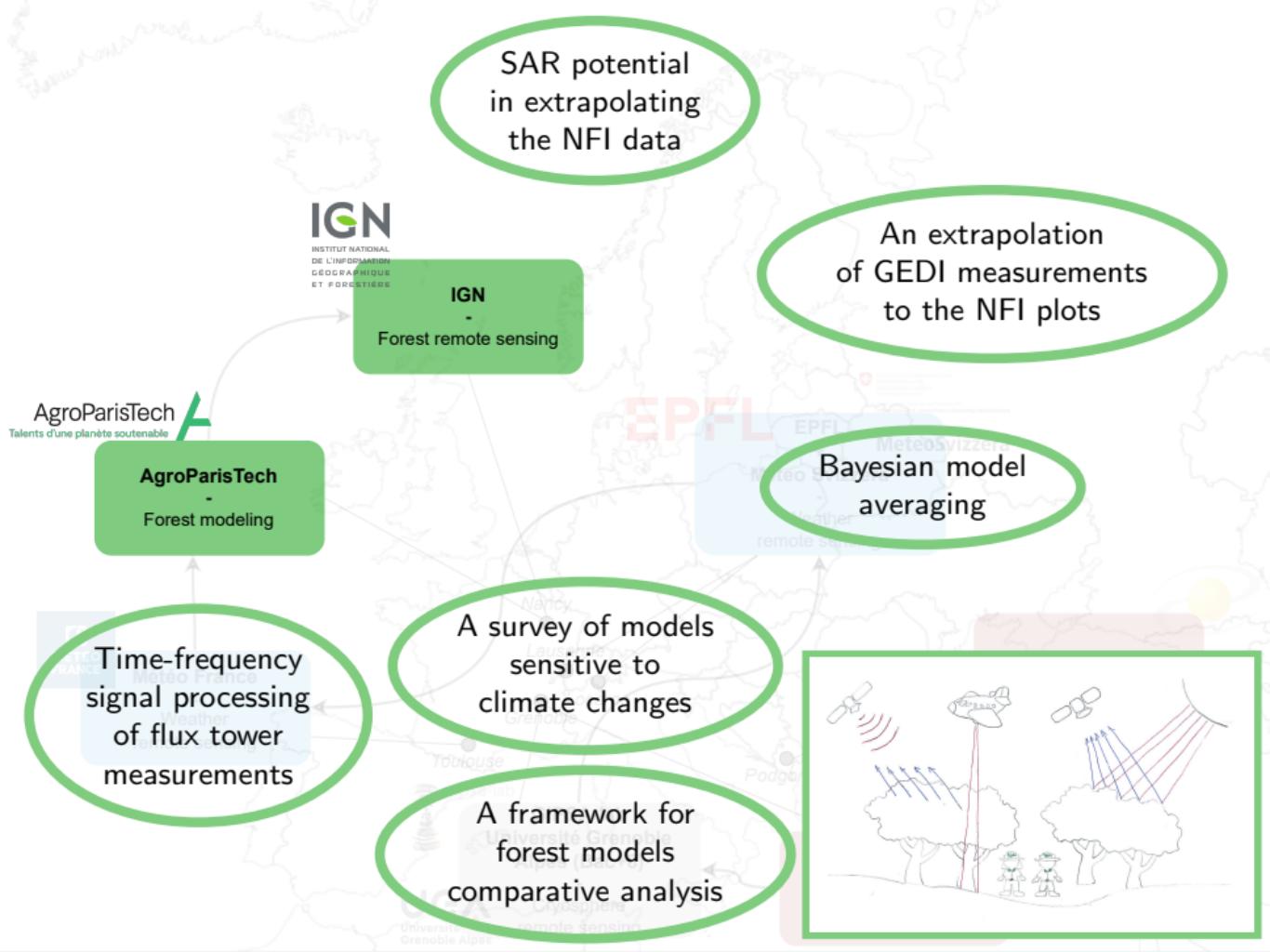
EPFL + MeteoSwiss
Meteo Svizzera
Weather
remote sensing

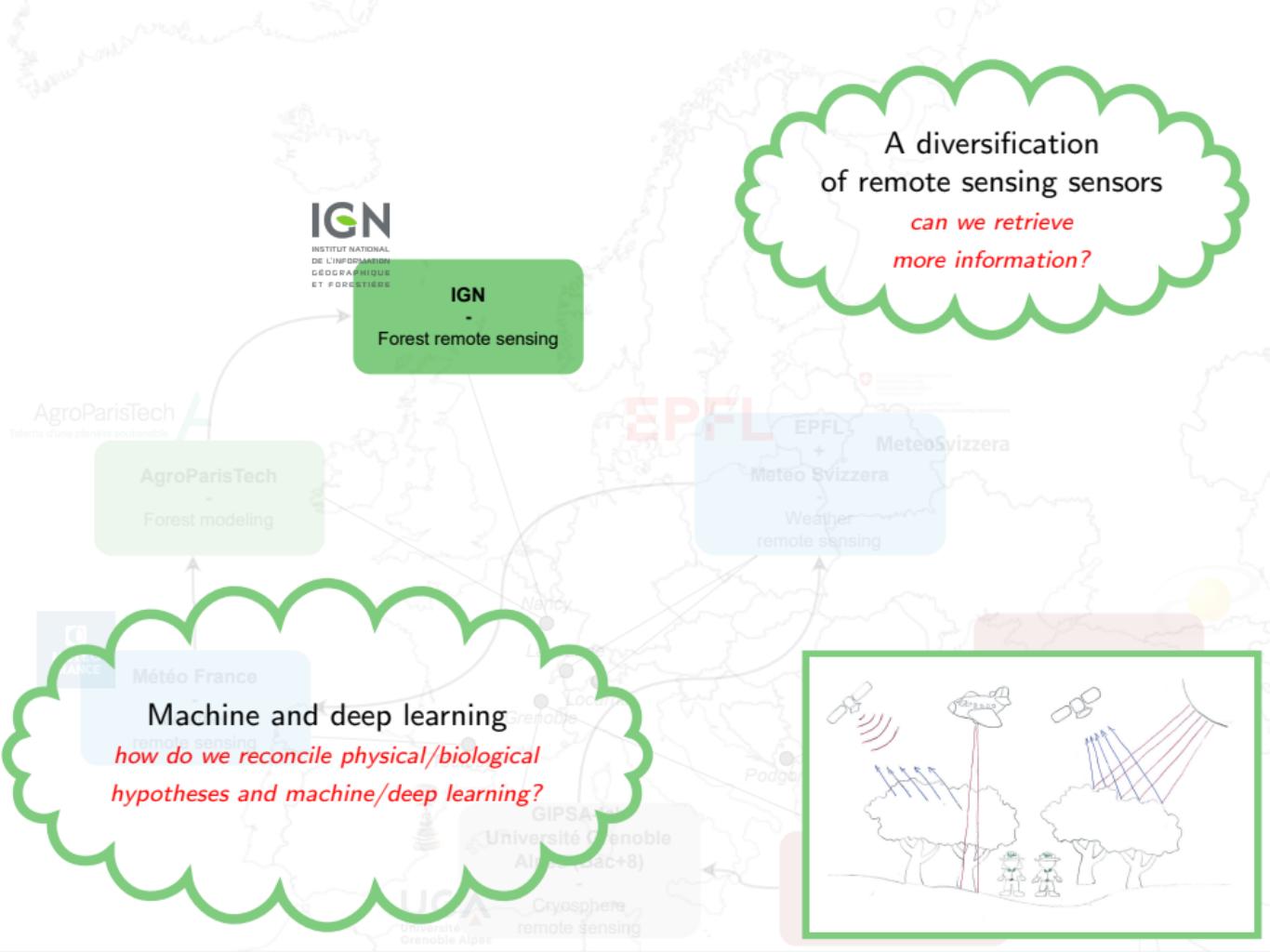
GIPSA-lab
Université Grenoble Alpes (Bac+8)

UGA
Université Grenoble Alpes

Cryosphere
remote sensing







A diversification
of remote sensing sensors

*can we retrieve
more information?*

IGN

INSTITUT NATIONAL
DE L'INFORMATION
GÉOGRAPHIQUE
ET FORESTIÈRE

IGN

-
Forest remote sensing

AgroParisTech

Talents d'une planète soutenable

AgroParisTech
-
Forest modeling

EPFL

EPFL

MeteoSwitzerland

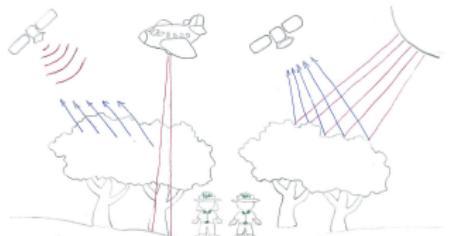
Meteo Svizzera

Weather
remote sensing

Météo France

Machine and deep learning

*remote sensing
how do we reconcile physical/biological
hypotheses and machine/deep learning?*



Sylvo-sanitary monitoring



INSTITUT NATIONAL
DE L'INFORMATION
GÉOGRAPHIQUE
ET FORESTIÈRE

IGN

-
Forest remote sensing

A diversification
of remote sensing sensors

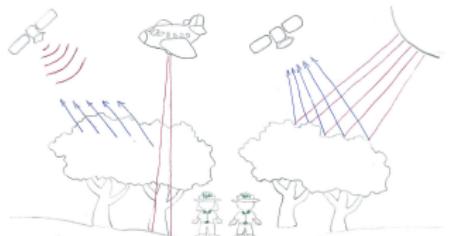
*can we retrieve
more information?*

Above ground biomass
mapping

AgroParisTech
Talents d'une planète en mouvement
Agronomie
Food modeling

Météo France

Machine and deep learning
remote sensing
*how do we reconcile physical/biological
hypotheses and machine/deep learning?*



Sylvo-sanitary monitoring

TOSCA
SylvoSanSat
+ PEPR
FORESTT?

A diversification
of remote sensing sensors

*can we retrieve
more information?*

Uncertainty
quantification

IGN

INSTITUT NATIONAL
DE L'INFORMATION
GÉOGRAPHIQUE
ET FORESTIÈRE

IGN

-
Forest remote sensing

Above ground biomass
mapping

PhD of Selim Behloul
with LSCE (C-land et IGN)
+ PEPR
FairCarbon

Météo France

Machine and deep learning

*remote sensing
how do we reconcile physical/biological
hypotheses and machine/deep learning?*

