Vincent Tigny



MY FIELD

ACRES : 72,5

CHECK GROWTH STAGE : FLOWERING CROP SCOUTING : SEE MAP

TODAY'S TECHNOLOGY FOR TOMORROW'S FARMER



SOLID PARTNERS.

FLEXIBLE SOLUTIONS!

- Independent SME
- Created in 1994
- Based in Leuven and Gembloux (BELGIUM)
- 50 people
- Turnover of 7 M EUR
- Long track record in agriculture

SAFE SOFTWARE

3

GIS & AUTO DATA PROCESSING





maain

Sk

BlackBridge

Delivering the World

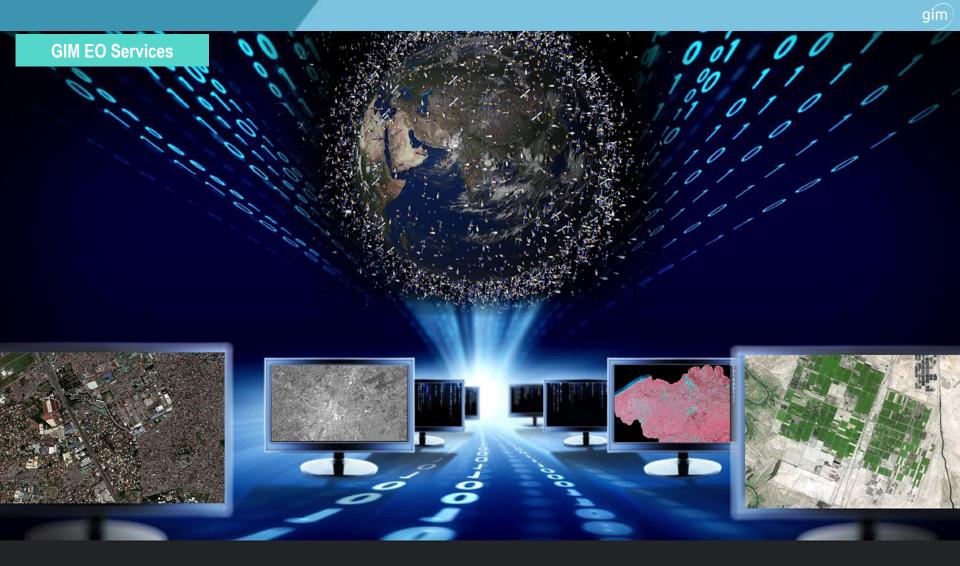
GIS APPS DEVELOPMENT











UNLOCK VALUE FROM IMAGERY





Specialisation in EO

TURNING IMAGERY INTO SMART AND ACTIONABLE INSIGHT







OPTIMIZED YIELD WITH MINIMIZED EFFORT

Decision Agriculture - Vincent Tigny - 11/06/2015







IDENTIFY THE ZONES WITHIN YOUR FIELDS THAT REQUIRES SPECIAL ATTENTION







9

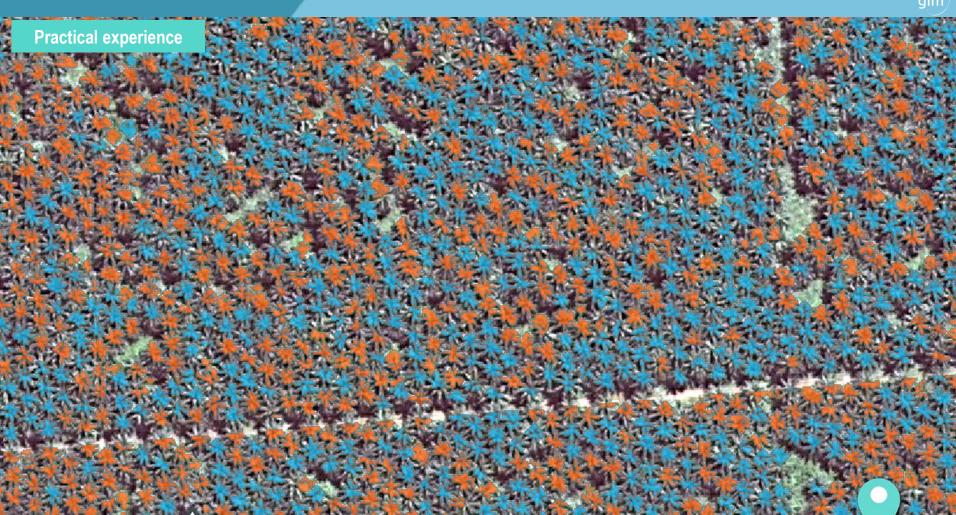


gim



SEED PRODUCTION CROPS





TROPICAL PLANTATIONS

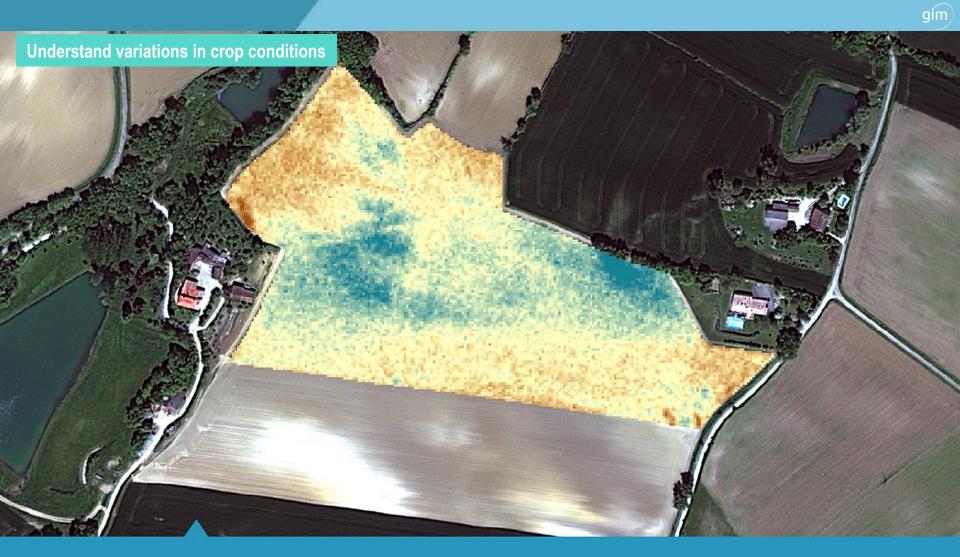




ORCHARDS

Decision Agriculture - Vincent Tigny - 11/06/2015





SOIL PROPERTIES







Not only maps but QUANTITATIVE ANALYSIS (metrics) coupled with topographic analyses (slope and exposure)

Demonstrated impact on vegetation

- Production plan optimisation
- Parcels selection
- New farmers selection
- Irrigation management





WATER STRESS



WEED DEVELOPMENT



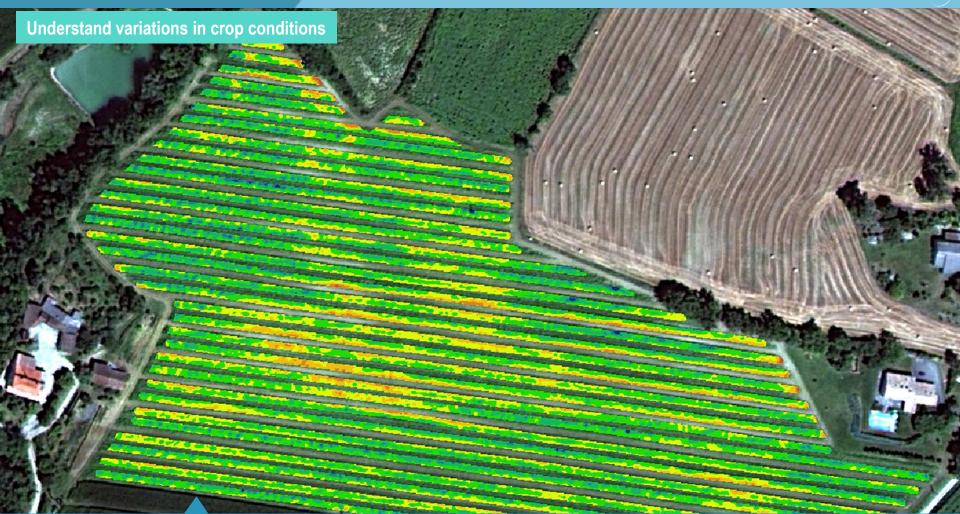
Understand variations in crop conditions

7

PESTS

Decision Agriculture - Vincent Tigny - 11/06/2015





DISEASES





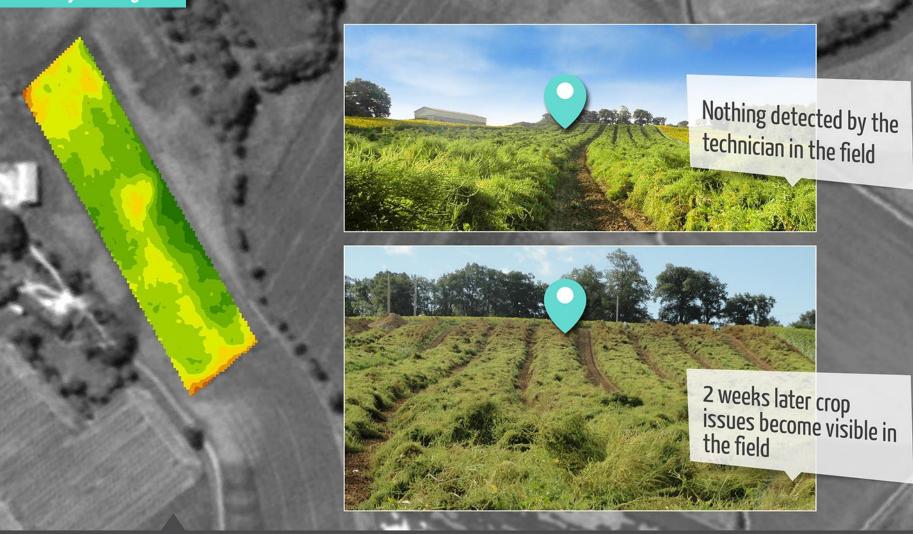
Relevant and objective information
Complete vs partial overview
More information, more often

Applications

- Crop conditions monitoring (NRT analysis of repetitive collections)
- Targeted field scouting (when and where required)
- Site specific crop management
- Irrigation management
- Optimal use of inputs (fertilizers, etc)
- Detection of crop management practices & impact assessment
- Harvest and logistics optimisation







ANOMALY DETECTED IN THE SATELLITE IMAGE



How GIM differentiates ?

BEYOND DATA & MAPS.

DECISION AGRICULTURE.

THE FARMER'S VIEW

THE SATELLITE'S

THE PROCESSED DATA

THE SMART INSIGHT

INSIGHT + INTEGRATION

> TARGETED CROP SCOUTING

for BETTER DECISIONS



TYPE & FORMAT.

MOBILE, V.R.A., Farm M.S., ...







SELECTIVE

27

SITE-SPECIFIC

ECO-FRIENDLY



OmniEarth SkyBox Imaging ESA Sentinels PLANET LABS Landsat Data Continuity Mission RapidEye+ **PROBA** WorldView-4 **UrtheCast DAURIA AEROSPACE** UAS

NEW SOURCES. BETTER RESOLUTION. IMPROVED REPETITIVITY.

More opportunities!



vincent.tigny@gim.be +32 16 40 30 39

THANK YOU!