

# Matoha PlasTell®

**Fast, Easy & Accurate  
Plastics Identification**



PlasTe**ll**



Revolutionizing



Plastic



Identification

# The Hidden Costs in Your Sorting Line

**Where are your teams currently forced to make judgment calls?**

**Traditional methods require time-consuming sample prep or sending materials to a lab**

**Errors lead to costly contamination penalties in recycling streams**

# Instant Identification

Zero Sample Preparation



## Super Fast

Identifies plastics in  
less than **1 second**



## Easy To Use

Plug-and-play  
**No lab or sample  
preparation is needed**

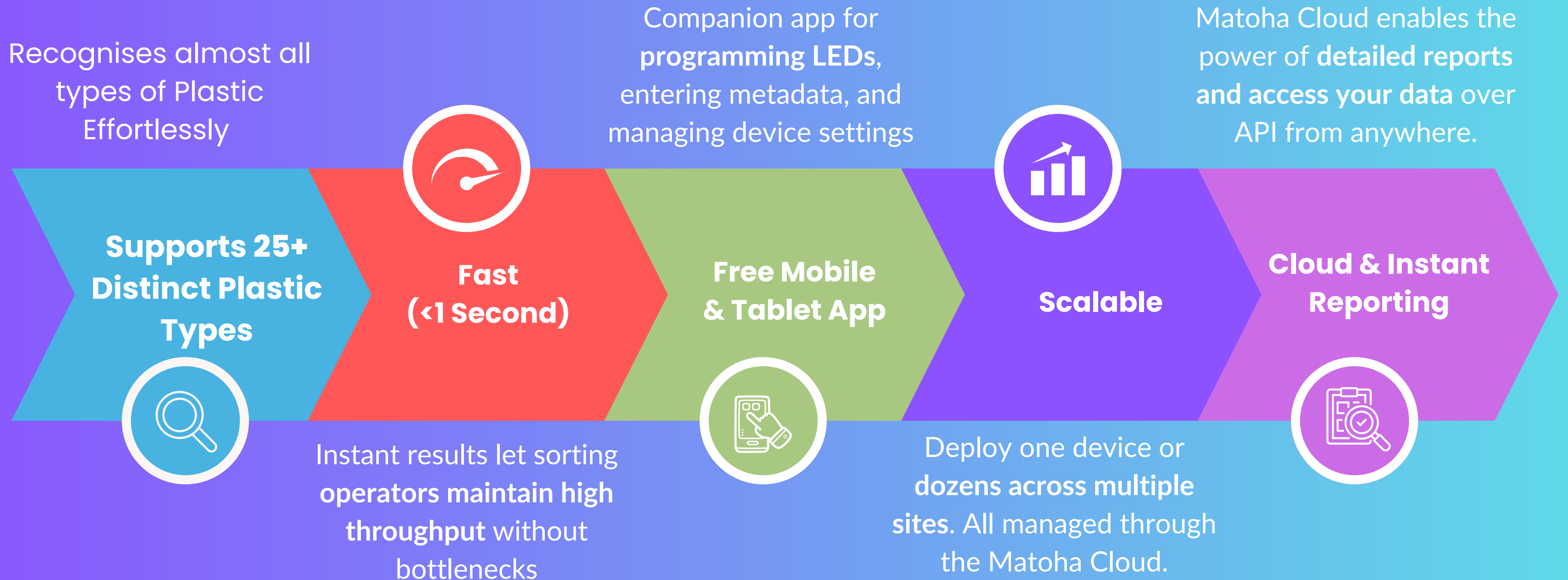


## Get Instant Report

Fully **Wi-Fi and Cloud-  
enabled** for seamless  
traceability and **reporting**

# What PlasTell® Can Do

## Comprehensive Plastics Intelligence

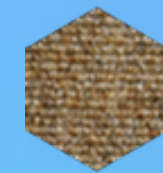


# Comprehensive Plastic Intelligence

Identifies **25+ Plastic Types**  
including engineering plastics,  
rigids, PO and HD and LD PE

Handles transparent and opaque  
plastics

**Works flawlessly on all color**  
(with the exception of carbon black  
pigmentation)



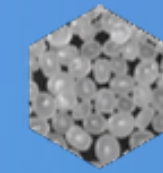
PET



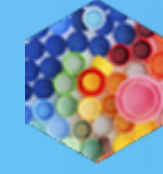
ABS



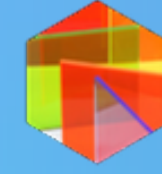
PVDF



SAN



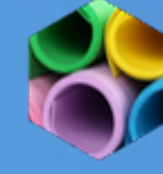
PE  
HD-LD



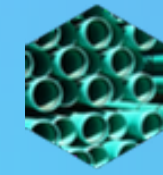
PMMA



PEEK



EVA



PVC



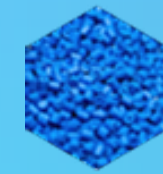
PA



POM



NBR



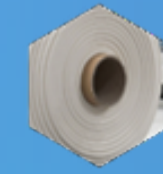
PP



PLA



PE/PP  
Blends



SILICONE



PS



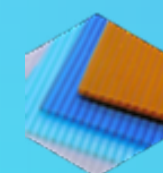
PETG



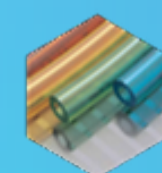
PSU



RUBBER



PC



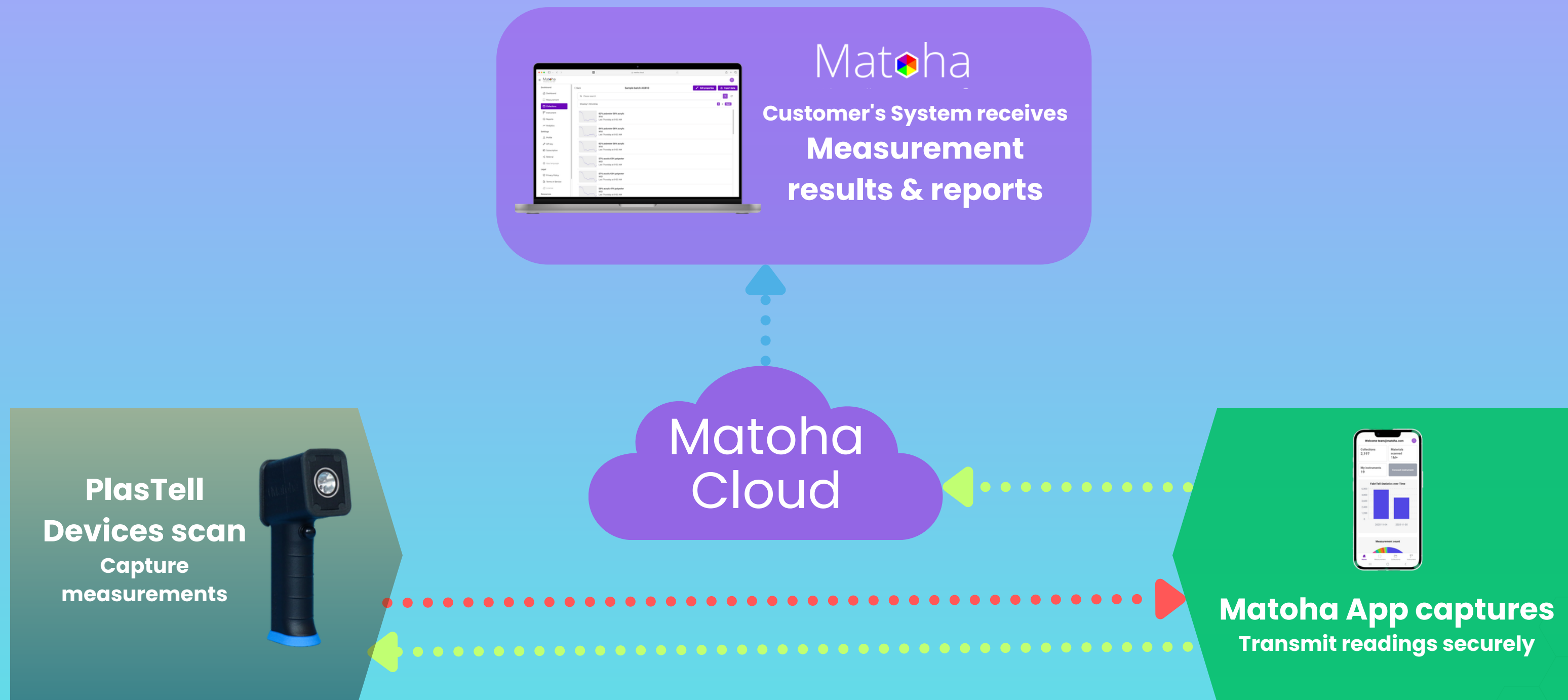
PU



NEOPRENE

# The Integrated EcoSystem

More Than a Scanner: Total Traceability



# EcoSystem Benefits

More Than a Scanner: Total Traceability

**Material Composition Insights**

**Batch Traceability**

**Batch Composition Analysis**

**Proof of Sorting & Supervision of  
Workers**

**Continuous Data and Updates**



# Trusted by Recyclers & Auditors Worldwide



400+ devices sold worldwide



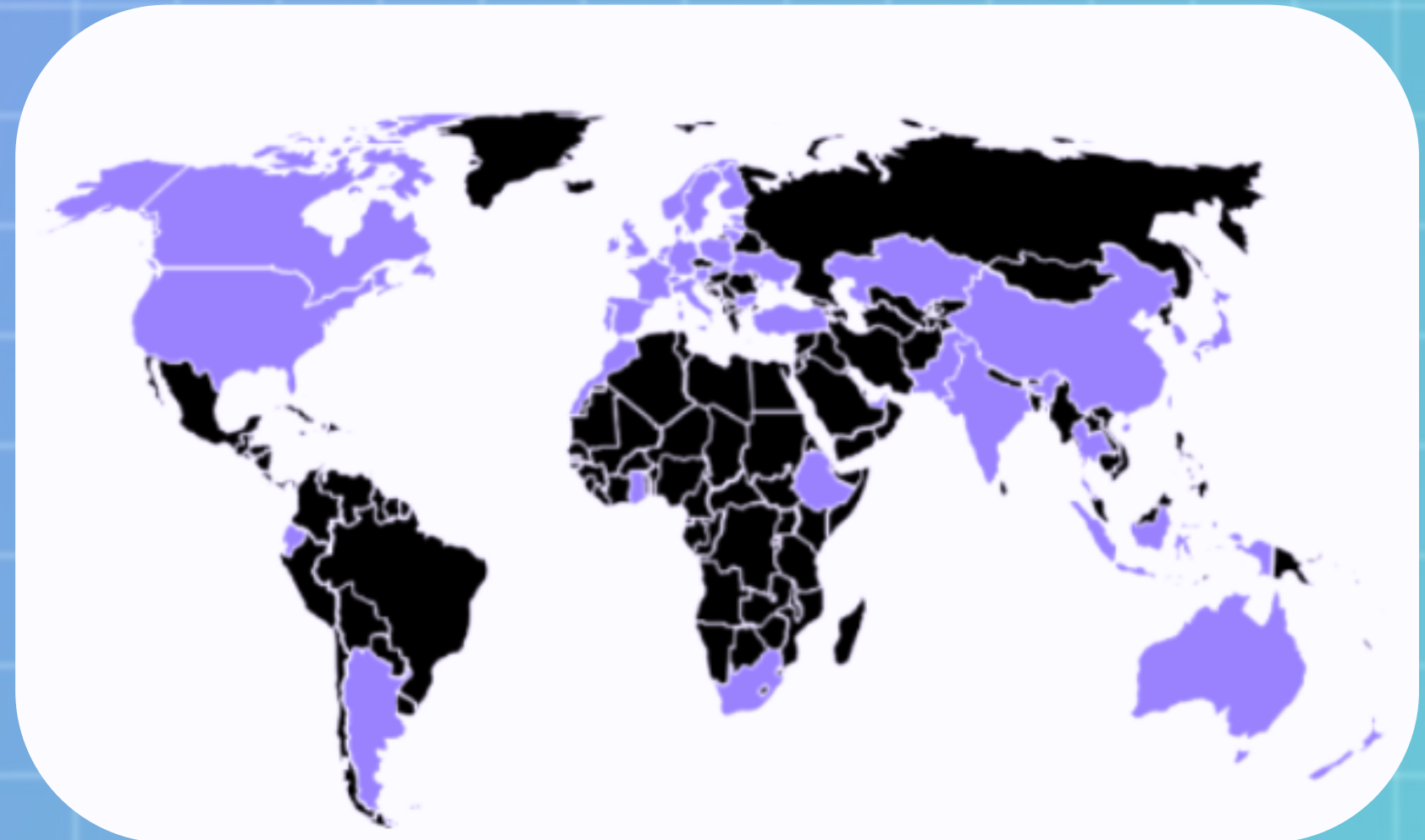
Trusted by NGOs, universities & businesses



Helping reduce landfill and improve sorting efficiency



Used in over 45 countries



# Post-Sale Support & Financials

Zero Hidden Fees. Total Peace of Mind!

**1-Year** Standard Warranty

21-Day **Money-Back Guarantee** to ensure it fits your operation

**Subscriptions:** The App, Cloud Storage, Data API, Updates & **Many More**

**Fast deployment:** Approximate 30-day lead time



# Quick Demo Time

See It to Believe It



Watch Video Demo



# All of PlasTell® At a Glance

## All Features & Specifications

- Complete solution – no additional accessories or libraries required
- Super-easy to use
- Instant identification of carpet composition (1 second)
- All major carpet materials supported (9 materials and 3 blends)
- Cloud-enabled for detailed insights into scanning data, for operations and traceability 210mm
- Free iOS / Android app included
- Scalable – buy as many as you need to scale-up your sorting
- Different LED colours for easy identification

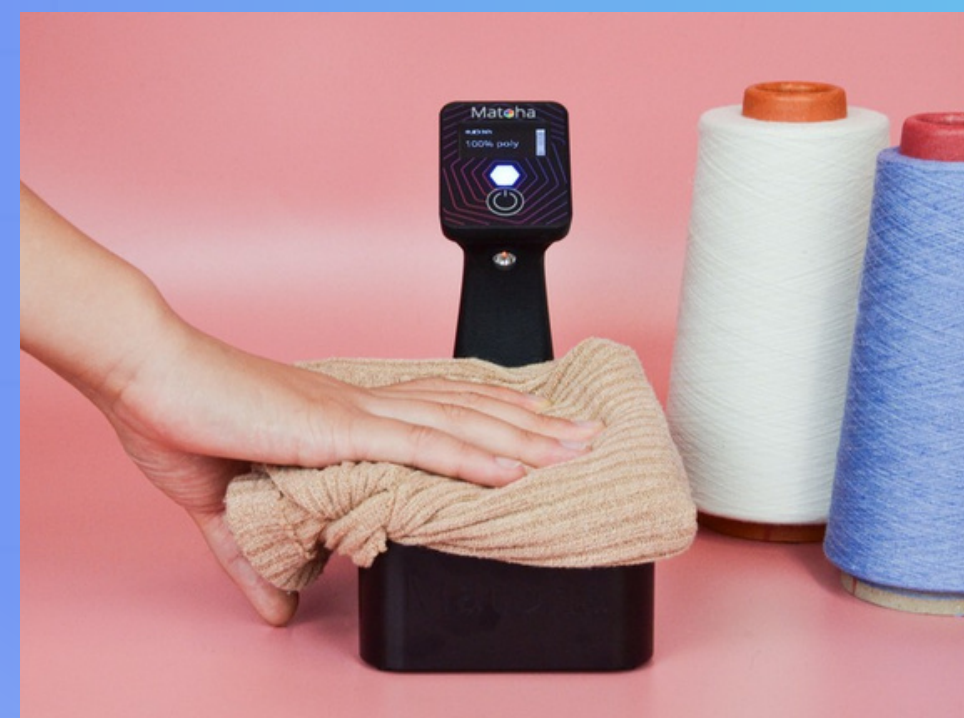
- Uses NIR reflectance spectroscopy in the 1–2  $\mu\text{m}$  range.
- Identifies measurements in ~1 second.
- Includes AI carpet identification algorithms for automatic ID without internet.
- Powered by a USB-C wall adapter (90–240 VAC, 50/60Hz, 15W).
- Features a replaceable, rechargeable Li-ion battery with safety protections; extra batteries available.
- Connectivity via Bluetooth LE and 2.4 GHz Wi-Fi for updates; data can be uploaded to the cloud.
- Free iOS/Android app included.
- Dimensions: 18x8x6 cm (7x3x2 in), weight: 360 g (13 oz).

# ABOUT Matoha

Matoha develops high-performance, accessible material identification tools powered by Near-Infrared (NIR) spectroscopy. We specialize in real-time, non-destructive analysis of plastics and textiles to enable high-purity recycling and circular supply chains.

## Core Technology & Products:

- **PlasTell:** Instant identification of polymers, including black plastics and bio-plastics.
- **FabriTell:** Rapid fiber composition analysis for textile sorting and verification.
- **CarpeTell:** Fast Flooring Material Identification Device.
- **Matoha Cloud:** Integrated data management and material library synchronization.



# People of Matoha



**Martin Holicky**  
*Co-founder & CEO*



**Lieve Vanrusselt**  
*Director, Head of  
business development*



**Hans Chan**  
*Co-founder & CTO*



**Darlene Sammut**  
*Chief Operating Officer*



**Chris Newton**  
*Chief Commercial  
Officer*



**Benji Taylor**  
*Sales Manager*

# REACH OUT

Email

[hello@matoha.com](mailto:hello@matoha.com)

Website

[www.matoha.com/contact-us](http://www.matoha.com/contact-us)

Call us

+447868639607

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What will you scan next?

