



STAND
Solutions, Training & Advice for Narcotics Disposal

UNODC LABORATORY
AND SCIENTIFIC SERVICE



UNODC

Oficina de las Naciones Unidas
contra la Droga y el Delito



Panel I: New Trends in the Production and Use of Chemical Substances in the Production of Cocaine

Group of Experts on Chemical Substances and Pharmaceutical Products
CICAD-OAS
Quito, May 23, 2023





Trends



Dynamics in crops and production processes



Use of chemical substances



Manufacture infrastructures



Chemical camouflage and international trafficking

Dynamics in crops and production processes

Productive Enclaves

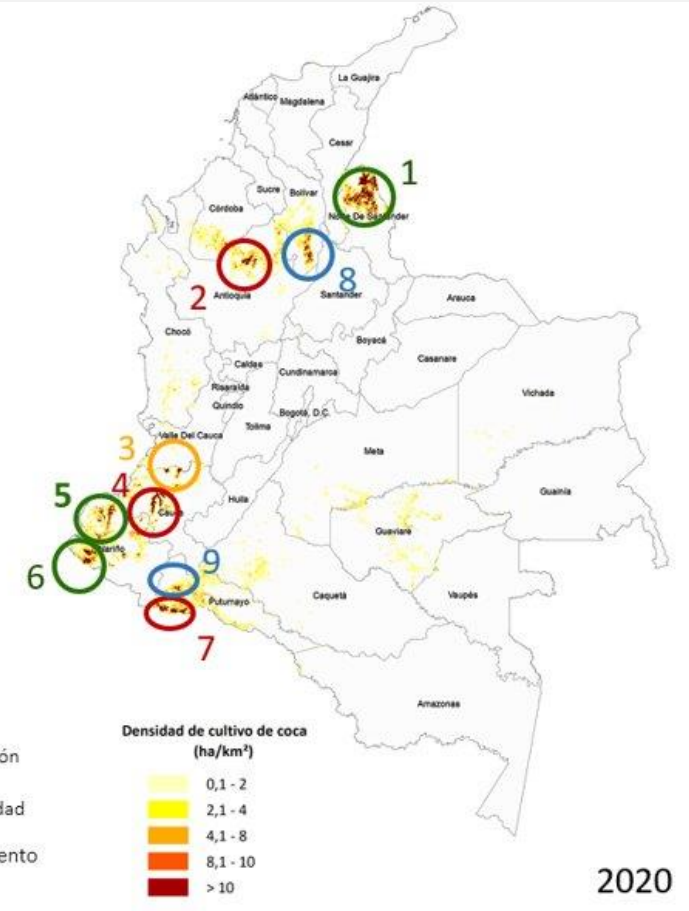
Production/Productivity

Technology

Security

Markets

Actors/CTOs



Dynamics of the production processes

Conversion rates

+ Purity



Expertise

Chemical substances

Adulteration

Regulation

Production infrastructures

Technology

Security

Energy sources

Recovery



Efficiency

Personnel: roles

Provisioning nodes

Production potential

Chemical Substances



Drug Concealment Trends

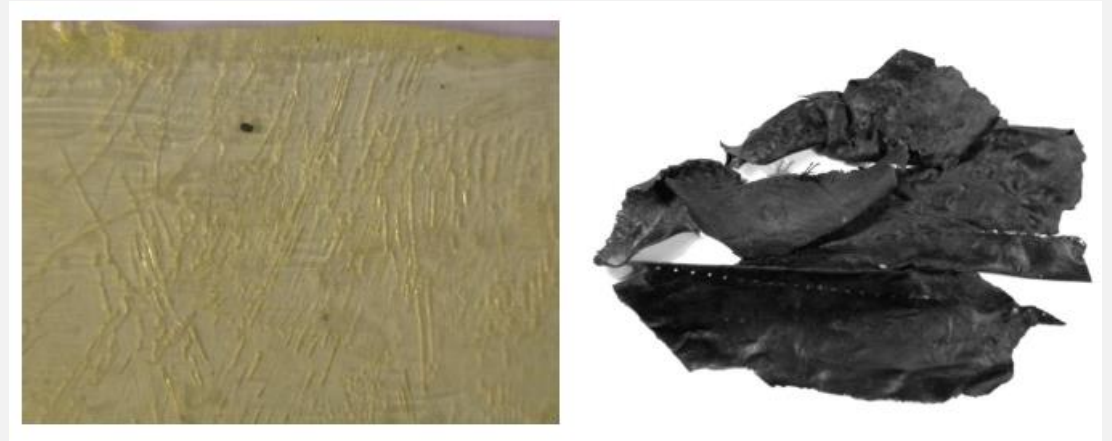
Large amounts

Locks

Polymerization

Strategies against drug-sniffing dogs

PIPH



Fuente: Laboratorio de Química - Fiscalía General de la Nación de Colombia

Cocaine's chemical camouflage

Polypropylene

Polystyrene

Teflon

Polyvinyl chloride (PVC)

Methacrylate



Source: Laboratory of Chemistry - General Prosecutor's Office of Colombia

Cocaine's chemical camouflage – Asphaltite case

Solvent

Asphaltite

Vegetable oil

Activated carbon

Temperature changes



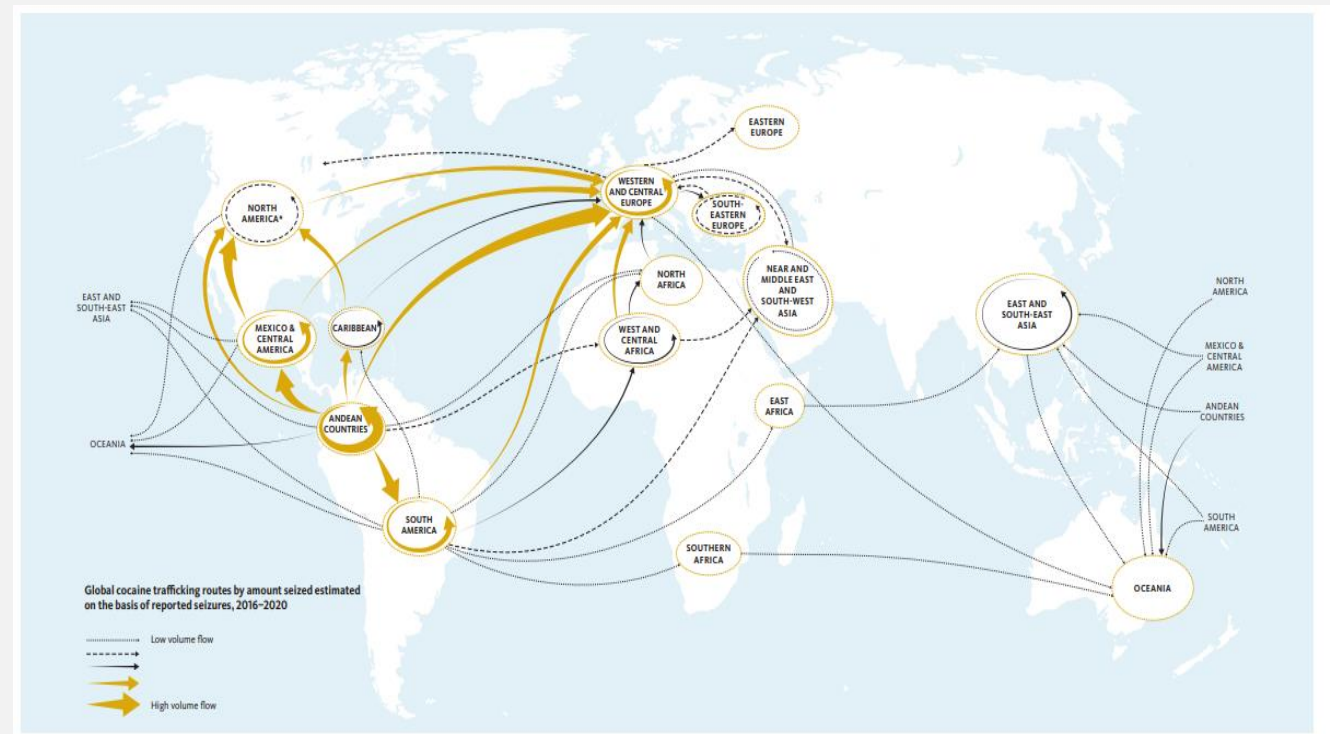
Source: Laboratory of Chemistry - General Prosecutor's Office of the Nation of Colombia

Alerts issued in drug reports



"PBC/BC"

Cocaine Trafficking





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