

The logo consists of two dark blue pentagons stacked vertically. The top pentagon has two small green circles at its top-left and top-right vertices. The bottom pentagon has two small green circles at its bottom-left and bottom-right vertices.

PCB PLATFORM

PCBs Inventory



Do we have two different databases?

Equipment Inventory (Database)

This database includes all information about equipment (transformers, capacitors, switches, etc.) which could be source of PCBs contamination.



PCB Inventory

A database of all the equipment in which the PCBs concentration is 50 ppm or higher.



Where can we find PCBs equipment?



Equipment Inventory (database)

The general Data Base must contain the information of all equipment of the company from where we will make the screening.



50000 transformers

Addis	Ababa	3200 Eq
Afar		800 Eq
Amhara		7500 Eq
B. Anzazu		1000 Eq
Diredawa		600 Eq
Gambela		300 Eq
Harar		350 Eq
Oromia		9400 Eq
SNNP		4200 Eq
Somale		820 Eq
Trigay		2700 Eq

PCB Inventory



Transformers With PCBs

Equipment ID	Location	PCB Concentration (ppm)	Insulation Type	Year of Manufacture	Notes
TR-001	Warehouse A	65	Oil	1998	High voltage transformer
TR-002	Warehouse B	72	Oil	2001	Medium voltage transformer
TR-003	Warehouse C	58	Oil	1995	Power transformer
TR-004	Warehouse D	81	Oil	2003	Control transformer
TR-005	Warehouse E	69	Oil	1999	Instrument transformer
TR-006	Warehouse F	75	Oil	2002	Autotransformer
TR-007	Warehouse G	62	Oil	1997	Rectifier transformer
TR-008	Warehouse H	78	Oil	2004	Isolation transformer
TR-009	Warehouse I	67	Oil	1996	Autoregulating transformer
TR-010	Warehouse J	85	Oil	2005	Instrument transformer

Part of the general database number and information of equipment with PCBs contamination with 50 ppm or higher.

Questions to be answered by the PCB inventory

Do we have
PCBs stocks?

How much equipment
do we have?
(units, volume, weight)

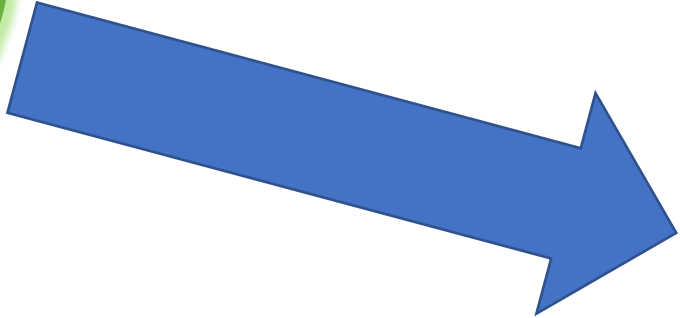
What is the
concentration?

Where is the
PCBs
equipment (or
stock)?

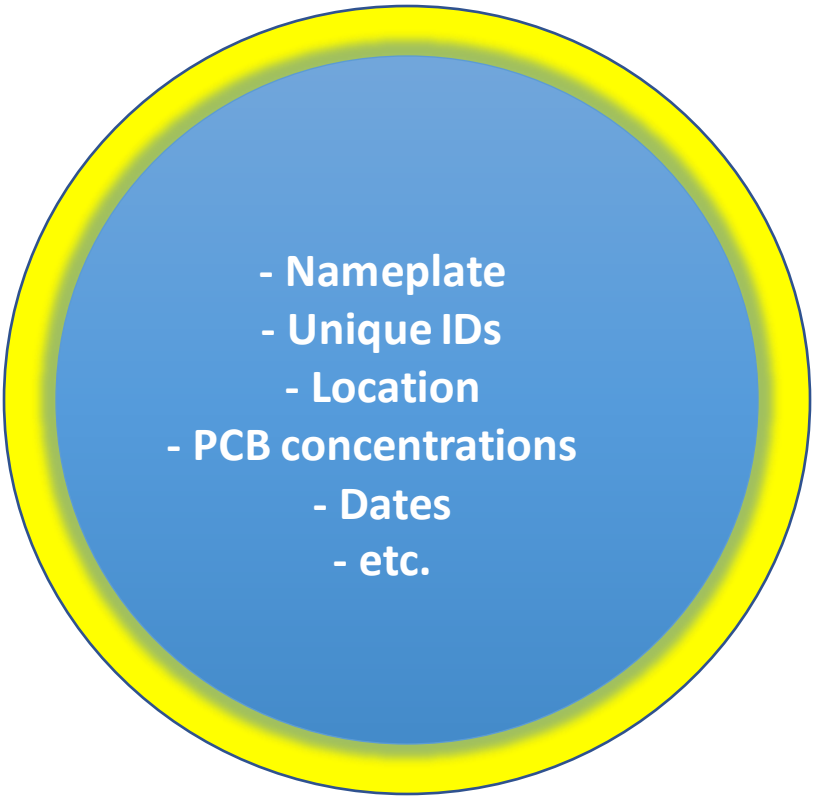
Which equipment
contains PCB?

Inventory Goal

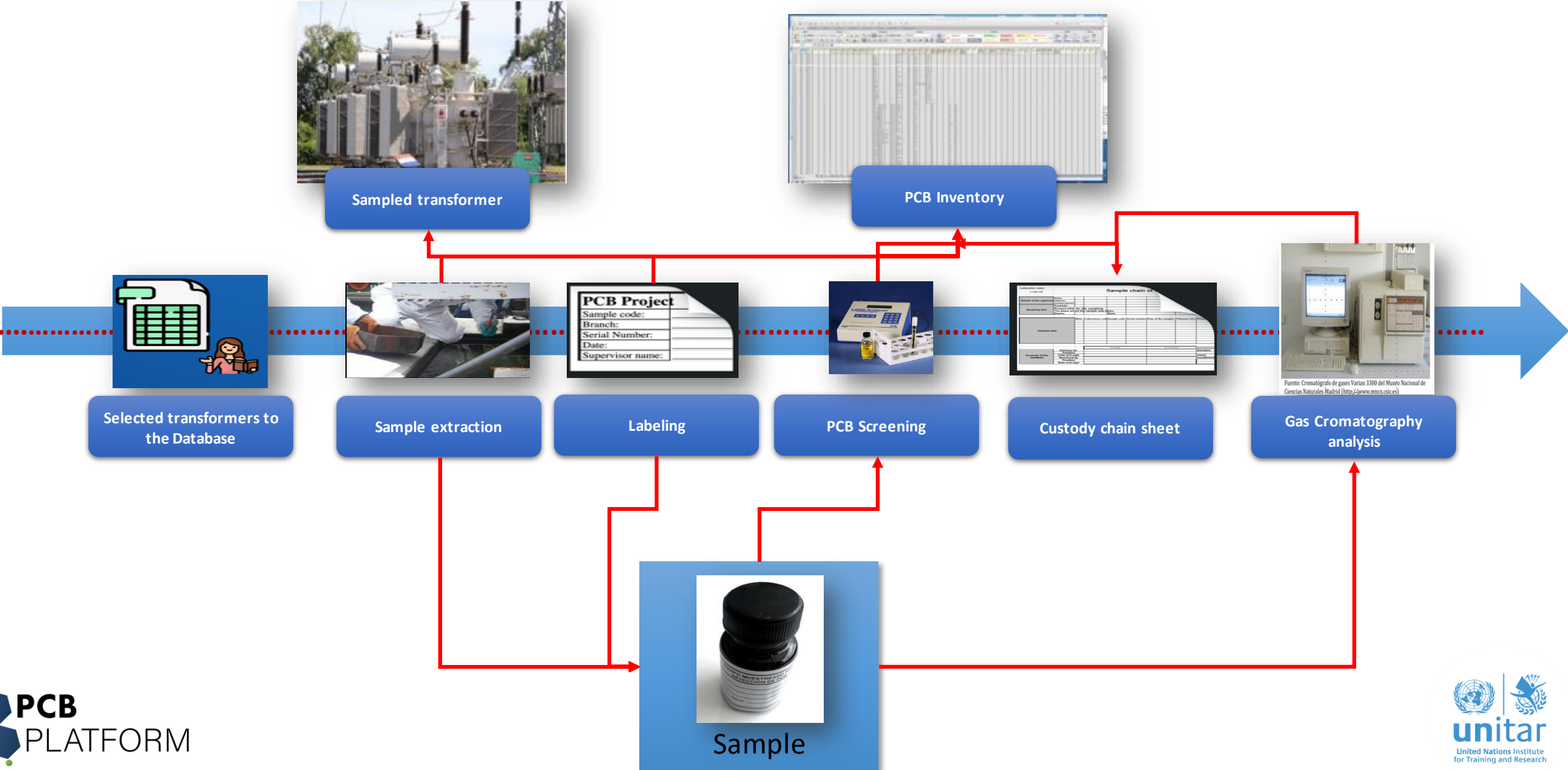
During:



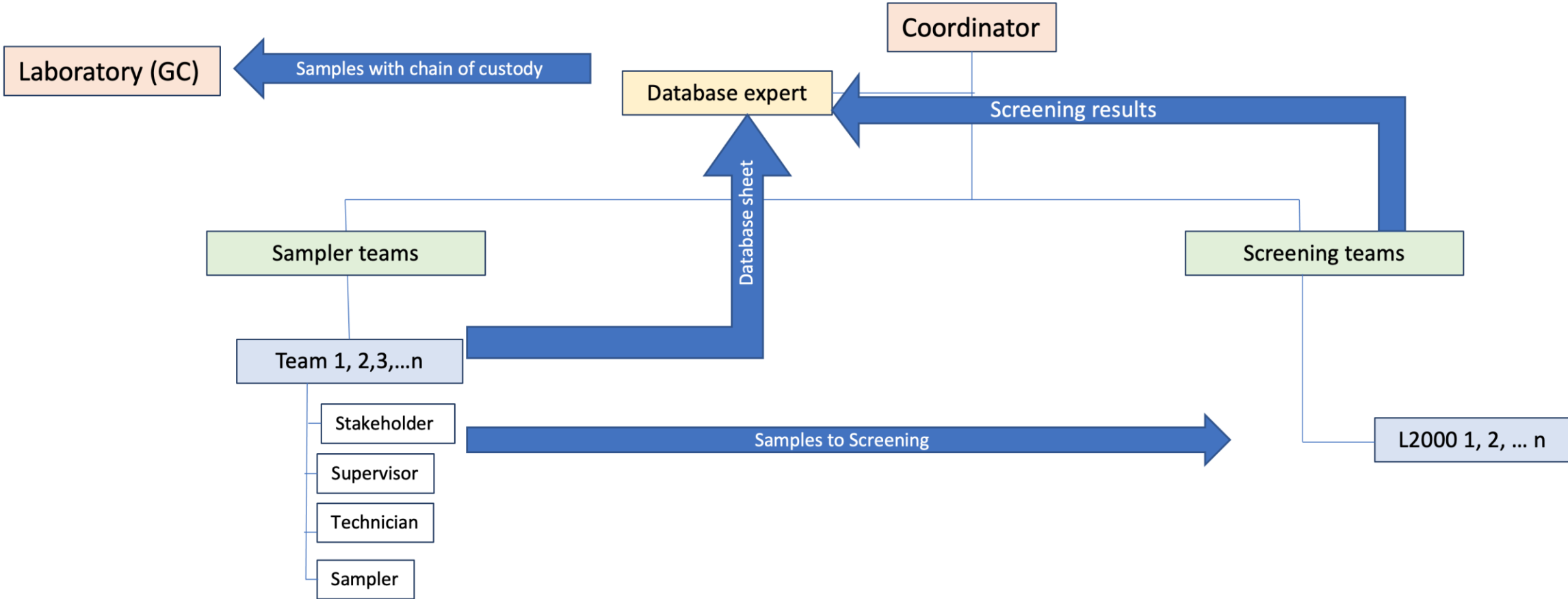
The Inventory goal is to collect the following information from each piece of equipment:



PCB Inventory Flow



Coordination between task teams





**Thank you for your
attention !**

<https://www.pcb.unitar.org/>

