



# Conflict Minerals Overview

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Motorola Solutions Inc.**

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# Agenda



- **Conflict Minerals Background**
- **Dodd-Frank Act Section 1502**
- **The Solutions for Hope Project**
- **Next Steps**

# US Dodd-Frank Act Section 1502



**US listed companies will be required to disclose annually whether its products were produced with conflict minerals that did originate in the DRC or an adjoining country.**

**If they were, then the company will be required to submit a report to the SEC containing:**

- a description of the measures the company took to exercise due diligence on the source and chain of custody of such minerals;
- a description of any products that are *not* “DRC conflict free” (*i.e.*, products that contain minerals that finance or benefit armed groups in the DRC or adjoining countries);
- the identity of the facilities [even if validated as conflict mineral free] used to process the conflict minerals;
- the country of origin of the conflict minerals; and
- information on “efforts to determine” the mine or location of origin “with the greatest possible specificity.”

**The report must be audited by an independent private auditor, company must certify the audit, and must post a copy of the report on its website.**



# Conflict Minerals Facts

Tin (Sn) , Tungsten (W), Tantalum (Ta), Gold (Au) are mined in the Democratic Republic of the Congo (DRC).

Mining areas in eastern DRC provinces are the site of ongoing conflict.

Revenues from mining activity sustaining the conflict and ongoing human suffering in the region.

Nations neighboring the DRC can be smuggling routes

These minerals are not unique to the DRC. The majority of the global supply of these minerals originates outside of the region.

## ***The Three “T’s”:***

*Tin (Sn) , Tungsten (W) and Tantalum (Ta)*

## ***Coltan, col-tan:***

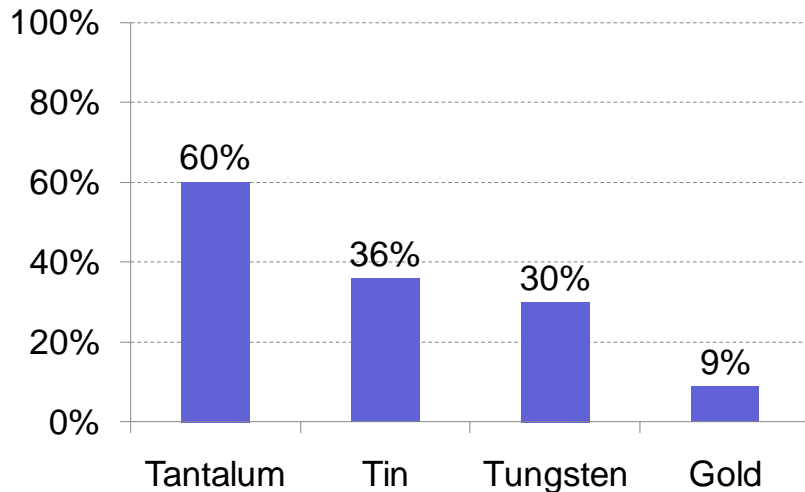
*Local term for columbium-tantalum minerals*



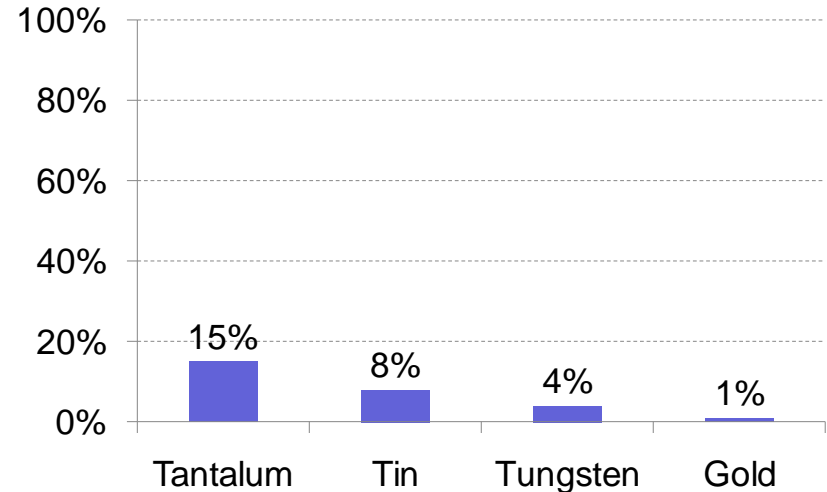
# Usage and Supply of the 3 T's and Gold



% Consumed in Electronics



% Supplied from Congo Region



**These metals are used widely in electrical and electronic products (including automobiles and appliances)**

**Phase-out or substitution of some of these metals is not currently cost effective, or technically feasible**

# Usage of the 3 T's and Gold (con't)



Electronic Hardware	Tantalum (Ta)	Tin (Sn)	Tungsten (W)	Gold (Au)
Printed circuit board assemblies (with components)	✓	✓	✓	✓
Solders		✓		✓
Component lead frames, contacts, connectors		✓		✓
Processors and chipsets	✓	✓	✓	✓
Capacitors	✓	✓		✓
Hard disk drive	✓	✓		✓
LCD screens and displays	✓	✓	✓	✓
Power supplies/adaptors		✓	✓	✓
Speakers	✓	✓	✓	✓
Cameras	✓	✓		✓
Batteries		✓	✓	✓
Cables		✓		✓
Mechanical parts	✓	✓	✓	✓

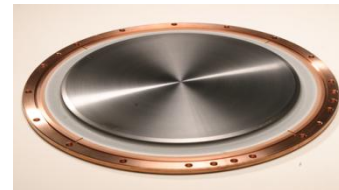
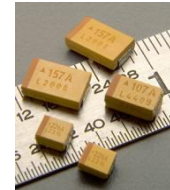
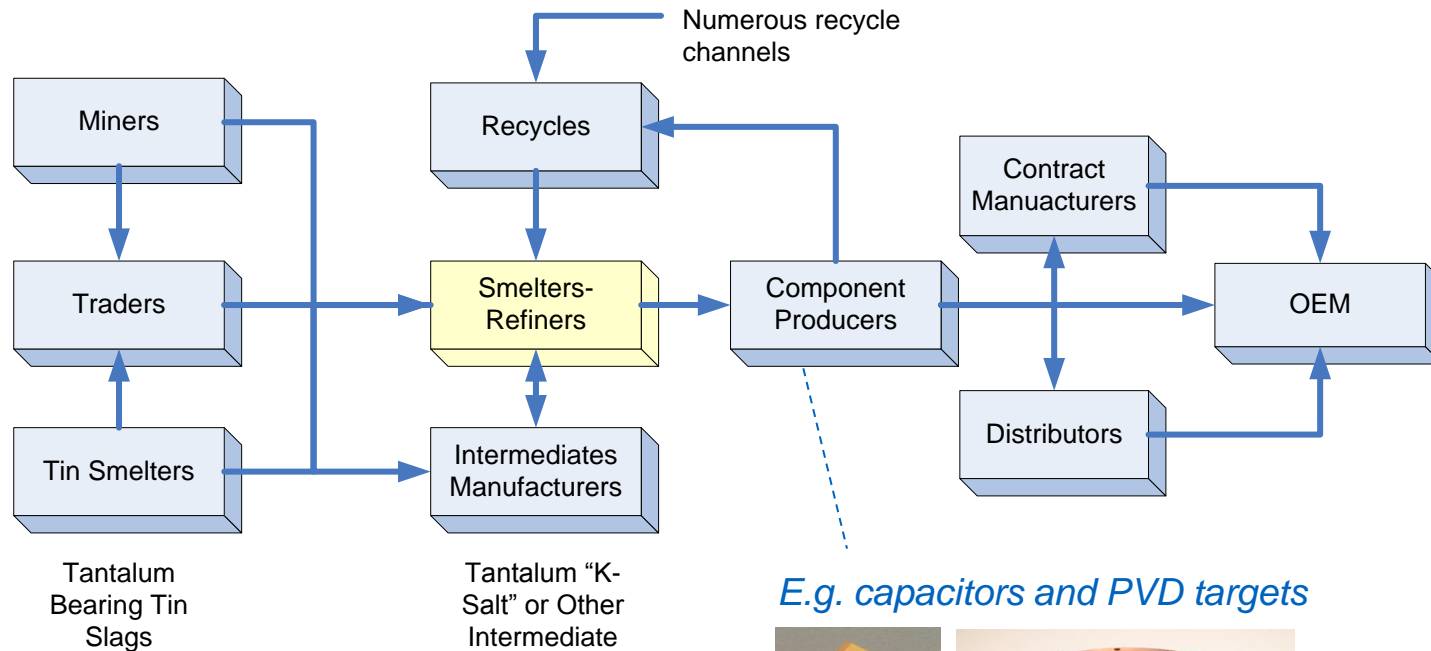
Note: These are typical or potential uses, and may not be found in all components/parts

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# The Tantalum Supply Chain



The tantalum supply chain is very complex. Numerous recycle streams make up more than 20% of global raw material supply.



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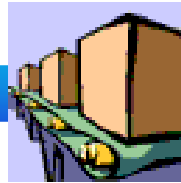
# GeSI and EICC Approach to “Conflict-Free” Sourcing



MINE



SMELTER/REFINERY



OEMS



Finished Product

In-Region Sourcing

Conflict Free Smelter Program

Inquiry & Due Diligence



# Solutions for Hope Project



**A pilot initiative to allow conflict-free tantalum from the DRC to be used in Motorola Solutions products.**

**Tens of thousands of people and their livelihoods have been threatened by the *de facto* ban.**

**We worked with a defined set of key suppliers to create a closed-pipe supply line.**



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# Solutions for Hope Project



**This pilot project supports and is supported by the development and implementation of several initiatives under the ICGLR Umbrella**

- **Traceability program by iTSCi**
- **Certification of mines by BGR Certified Trading Chain**
- **Conflict-Free Smelter (CFS) program**
- **Due diligence guidance and implementation by the OECD and the UN Group of Experts**



**The Solutions for Hope Project creates an initial flow of tantalum that will help enable miners to work and conflict-free systems to be developed in the DRC.**

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# Solutions for Hope Project



**Well received by Media,  
Governments and  
NGOs.**

**Coverage includes: Bloomberg,  
NYT, Business Week, GreenBizz,  
Mission Critical**

**Communications, TMCnet, Asia  
Metals, AfriqueExpansion, Radio  
France, the Enough Project**

**Tweets include: Senator Durbin,  
RAISE Hope for Congo, Source  
44**



**@SenatorDurbin**  
Senator Dick Durbin ✓

Good to see #Illinois companies like  
@Motorola stepping up w/their Solutions  
for Hope Project to reduce  
#ConflictMinerals in electronics

11 Jul via web

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# Next Steps



**SEC to issue final rule**

**Establish Project team to develop and implement internal program**

**Continually Update Information on our external web site**

**Continue support of industry wide solutions including, CFS program and DD tool**

**Evaluate the other business opportunities to expand on the Solutions for Hope Project**



# Thank you!

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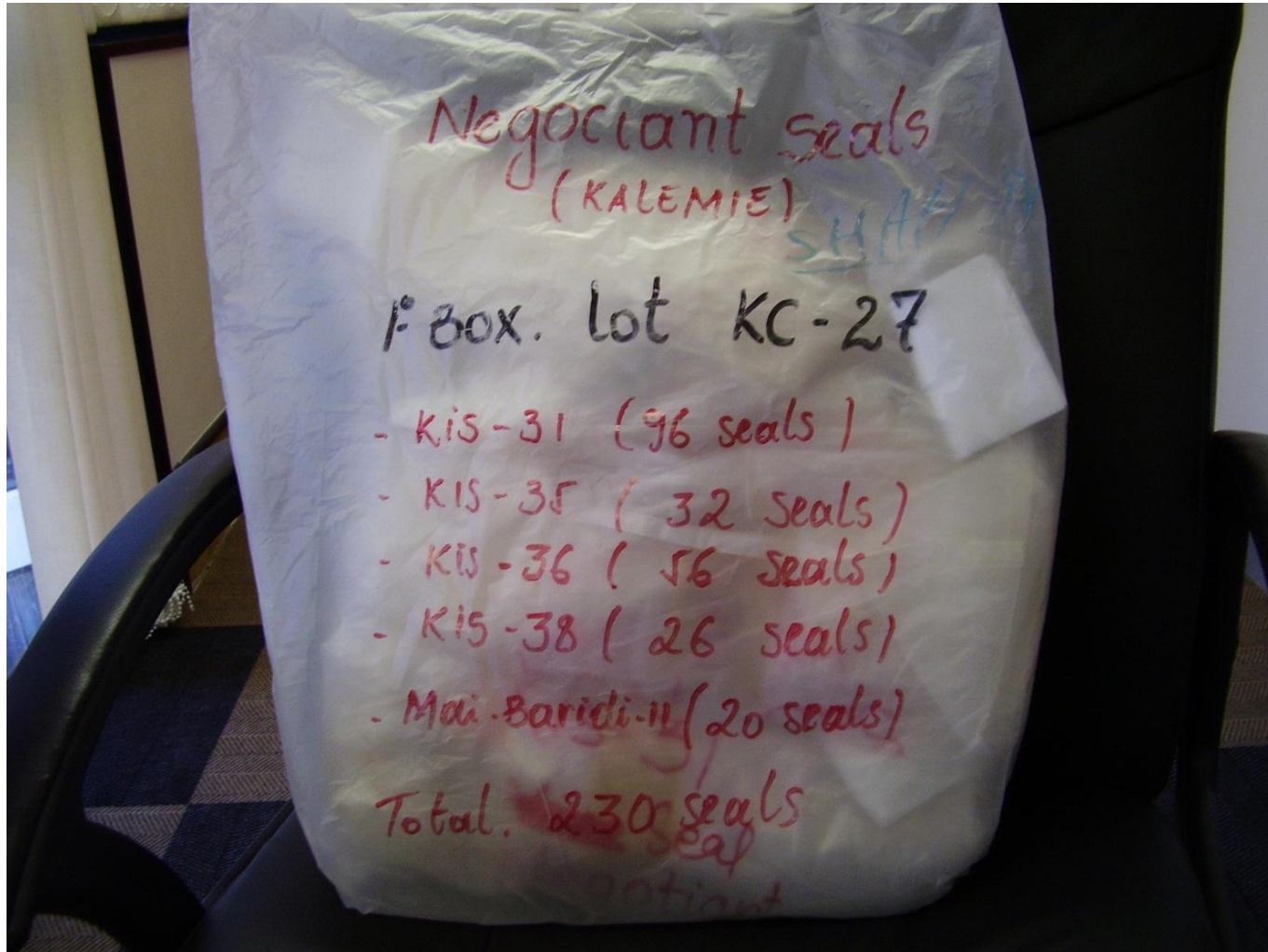


# Back up!

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# iTCSi bag recorded



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# Pictures -iTSCi records

Fig. 9 (Blanc) Pour Bureau de Contrôle ITSCI  
 Spie 2 (Jaune) Pour le Négociant  
 Spie 3 (Vert) Pour la Division des mines

Négociant: MISENGO Minerai: CU  
 Emplacement exact: MISENGO Sécurité assurée par: P.M.K.

Comptoir / Acheteur: MMO

DRC 1 032739  
**ITSCI**  
 For Sale

DATE	HEURE	NUMERO D'ETIQUETTE DU SITE MINIER	SITE MINIER	POIDS ENTRAIN (KG)	POIDS PAK (KG)	NUMERO D'ETIQUETTE DE NEGOCIANT	POIDS SOKANT (KG)	TENEUR %	ITINERAIRE DE TRANSPORT	METHODE DE TRANSPORT	NOM DU TRANSPORTEUR	NOTES / COMMENTAIRES
04/12/10	10:44	0100460	MISENGO	24.00	24.00	0100460	24.00	21	MISENGO	CEPHEX	CEPHEX	NETE
04/12/10	10:44	0100454	MISENGO	24.22	24.22	0100454	24.22	21	MISENGO	CEPHEX	CEPHEX	NETE
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Total (kg) 415.040 Total (kg) 298.810

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 Qualité/fonction: CHIEF  
 Signature: [Signature]

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 Nom: STEPHANE LAMISSON  
 Qualité/fonction: CHIEF  
 Signature: [Signature]

VERIFIE PAR LE NEGOCIANT  
 Nom: STEPHANE LAMISSON  
 Qualité/fonction: CHIEF  
 Signature: [Signature]

• Savoir officiellement l'ordre de numérotation des fiches négociant pour un même lot.  
 • Mentionner une seule fois le numéro de l'étiquette négociant (à une exception) représentant l'ensemble des sacs minés concernés par cette étiquette.

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# Material- sorted by lot and mine



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