# Network on technology-critical elements: from environmental processes to human health threats (COST Action TD1407)

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### What are TCE?

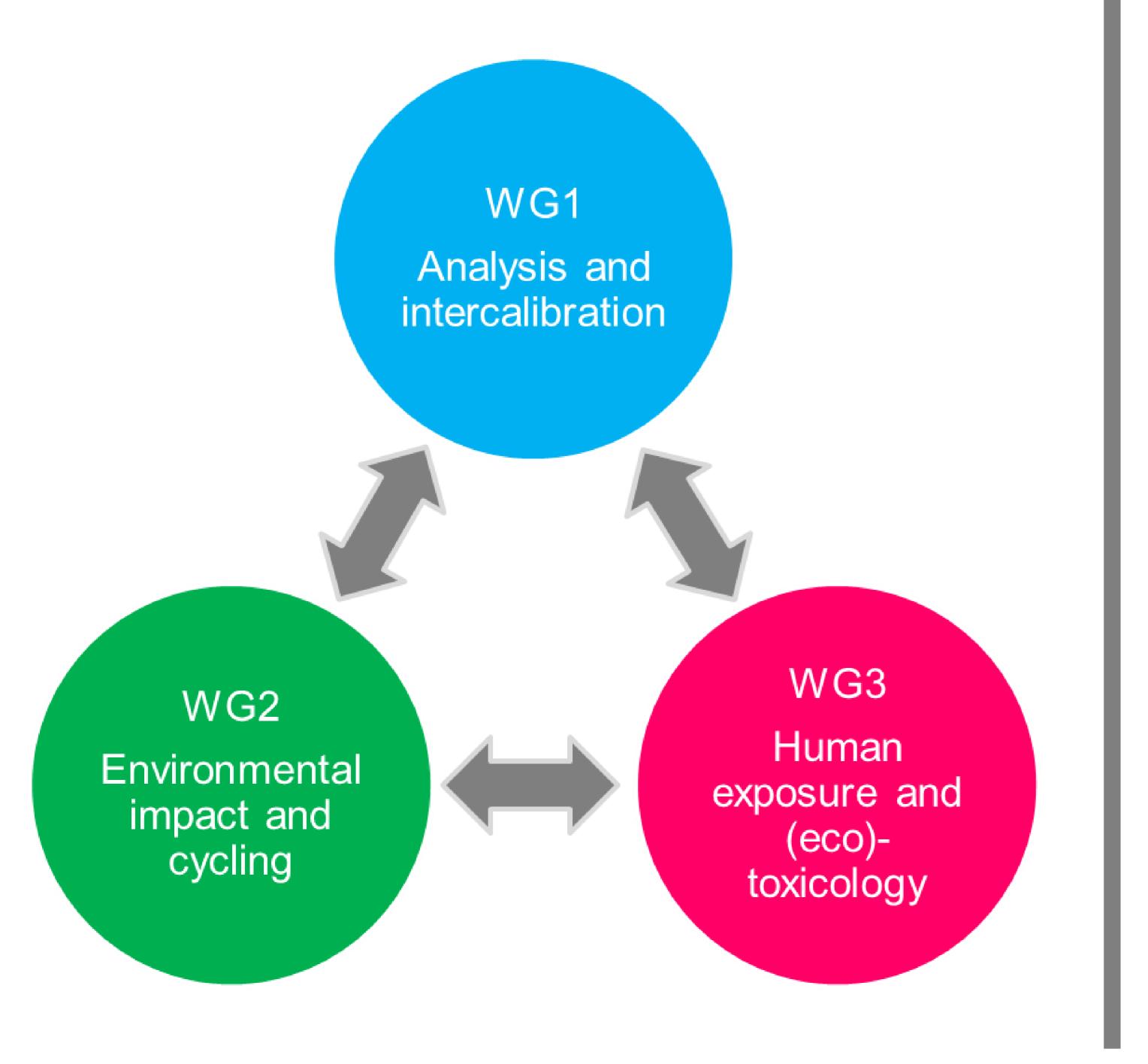
Technology-critical elements (TCE) are trace elements of critical economic importance that are used in an expanding list of emerging technologies.

<b>Li</b> lithium	₄ Be beryllium											5 B borot	6	C r	<b>N</b> nitrogen	8 O oxygen	9 <b>F</b> fluorine	10 Neo	
Na sodium	12 Mg magnesium											13 Al alumin		Si ilicon ph	P	16 S sulphur	17 Cl chlorine	18 A argo	
9 <b>K</b> potassium	20 Ca calcium	21 SC scandium	22 <b>Ti</b> titanium	23 V vanadium	24 Cr chromium	25 Mn manganese	Fe iron	CO cobalt	28 <b>Ni</b> nickel	29 Cu copper	30 Zn zinc	31 Ga galliu		33 Ge	As arsenic	34 Se selenium	35 Br bromine	36 K krypt	
7 <b>Rb</b> rubidium	38 Sr strontium	39 Y yttrium	40 Zr zirconium	د <b>Nb</b> niobium	42 Mo molybdenum	43 Tc technetium	4 <b>Ru</b> ruthenium	45 Rh rhodium	46 Pd palladium	47 Ag silver	48 Cd cadmium	49 In indiur		Sn tin s	<b>Sb</b>	52 Te tellurium	53 I iodine	54 Xeno	I
6 CS caesium	56 Ba barium		72 Hf hafnium	73 <b>Ta</b> tantalum	74 W tungsten	74 <b>Re</b> rhenium	76 OS osmium	77 <b>Ir</b> iridium	78 Pt platinum	79 Au gold	® Hg mercury	81 Thelliu		Pb lead	Bi	84 Po polonium	85 At astatine	86 R rado	
7 Fr francium	<sup>®</sup> Ra radium		57 La Iantha									b bium d	Dy	67 Ho holmium	68 Er erbiur			Yb erbium	71 Lu Iutetiur
			actini				93 N neptun					Sk elium c	Cf	99 ES einsteinium	100 Fm fermiu			No	103 Lr Iawrenci

## What is this COST action about?

- Launched in April 2015, this COST Action focuses on the study of TCE in the environment and their effects on environmental and human health.
- The aim is to create a interdisciplinary network of scientists interested in TCE.
- Participation of scientists from the environmental sciences is encouraged.

## Action structure:



## Interested?

#### Contact the Swiss MC members:

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#### and/or have a look at:

#### www.costnotice.net

