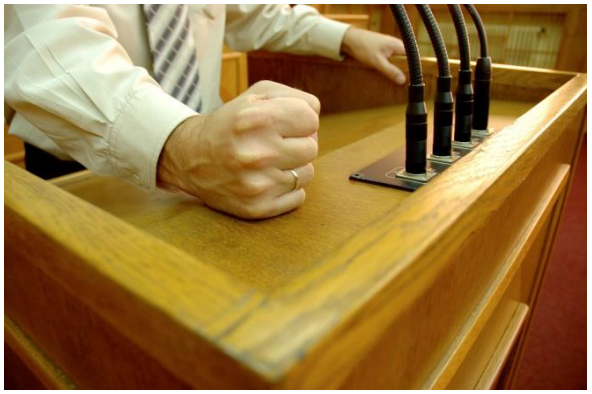
CONIAS Risk Intelligence

The World Map of Political Conflicts

Dr. Nicolas Schwank, CEO



Demage to the Global Economy

up to
14 Trillion US-$

The CONIAS World Map of Political Conflicts

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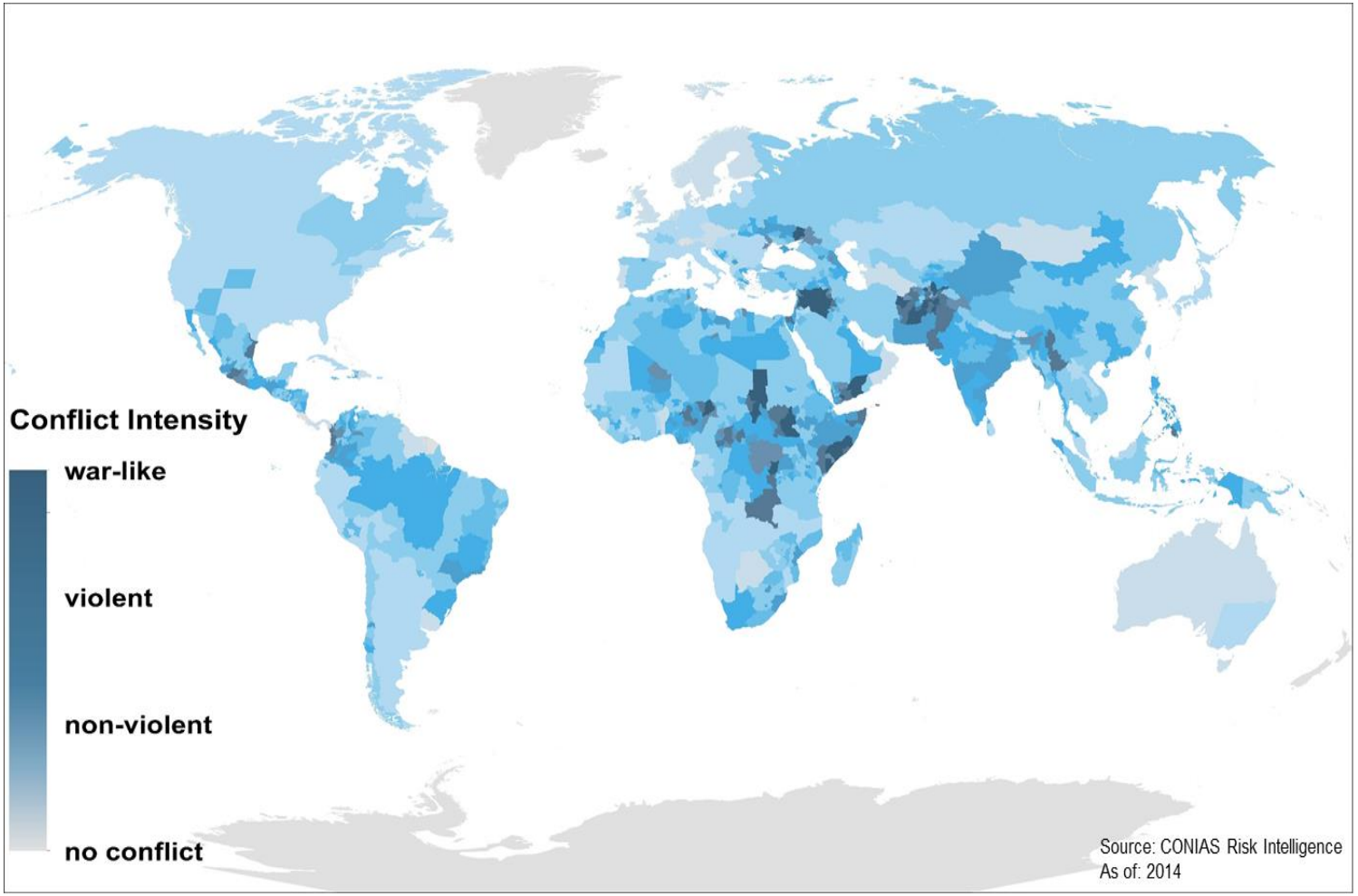

- **> 500 ongoing conflicts**
- **Geographical disagreggated**
- **Different levels of conflict intensity**

Unique Selling Point: Approved Methodology

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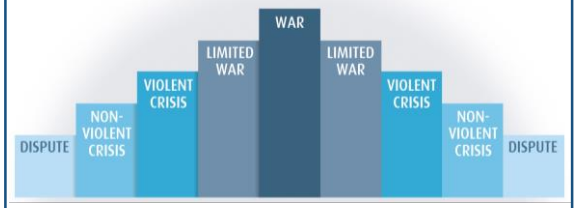
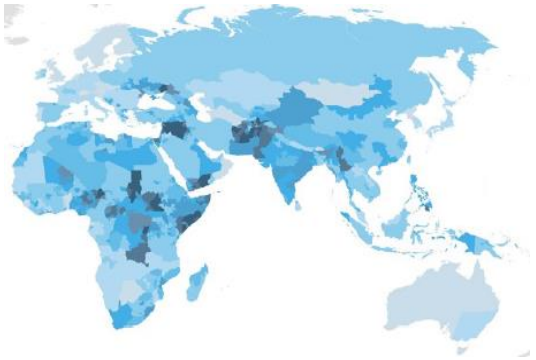
20 Years of Research at Heidelberg University



Analyzing the Dynamics of Conflicts



Geographical Disaggregation

Based on public sources

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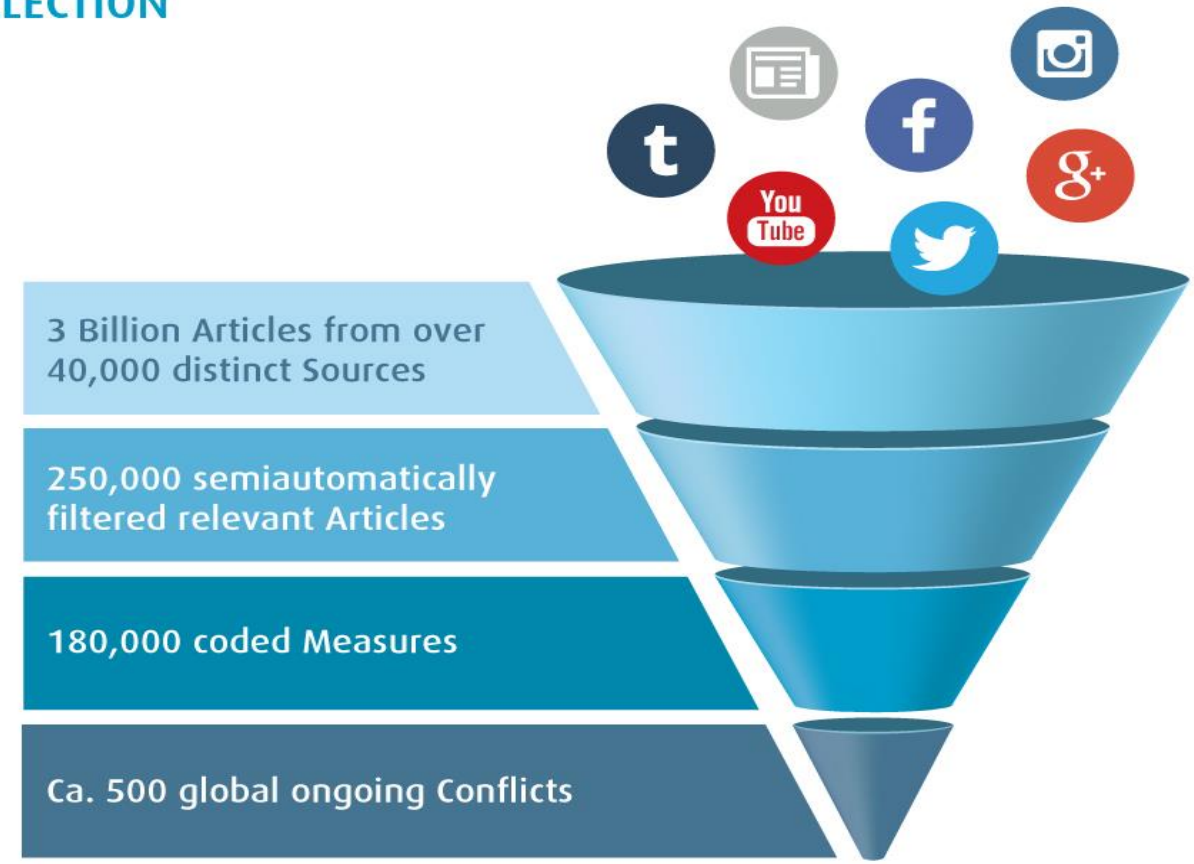
DATA COLLECTION



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Our empirical results

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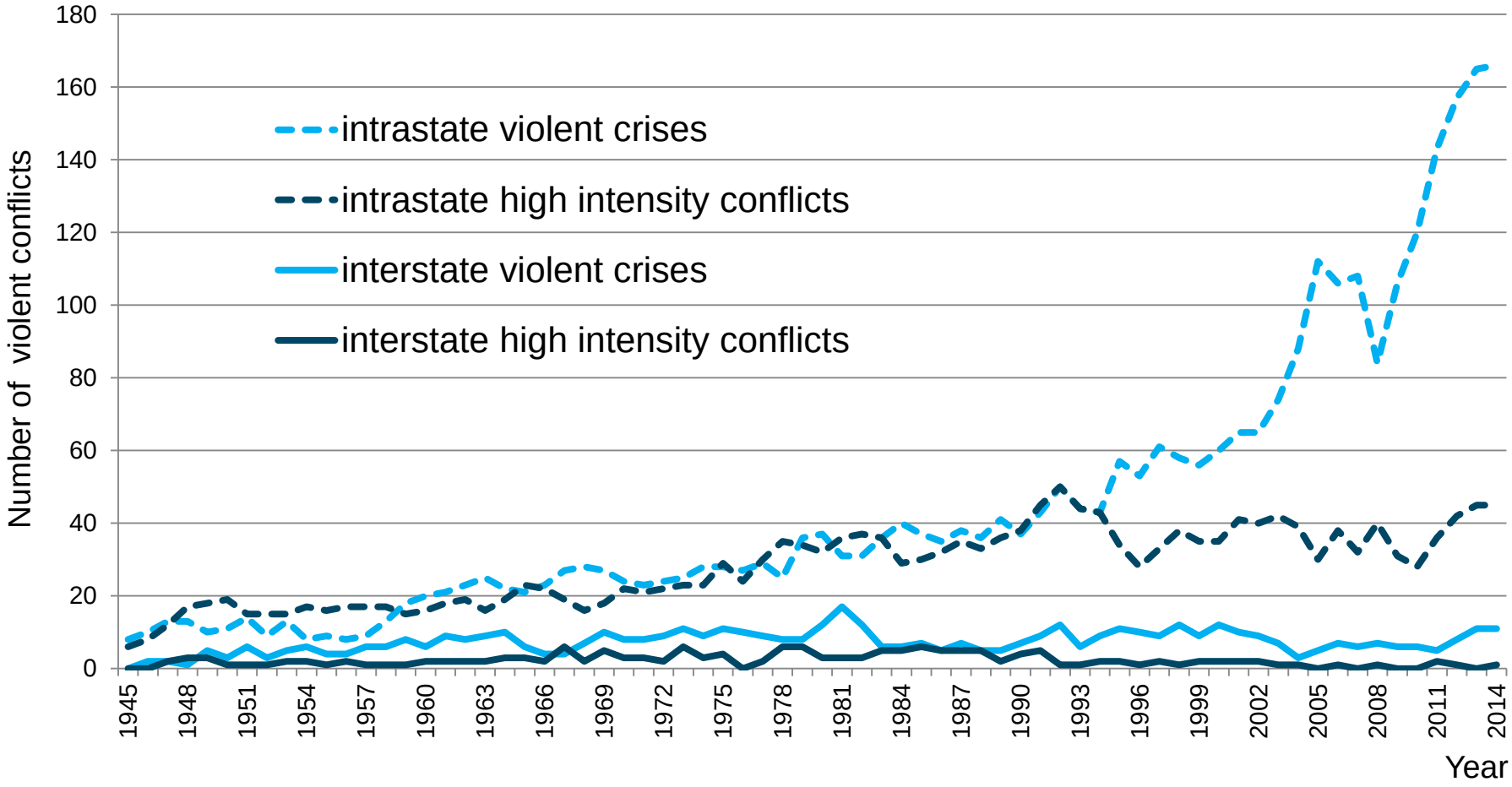
Dynamics of violent political Conflicts 1945 – 2015



Number of Wars 1945 – 2015 by Continents

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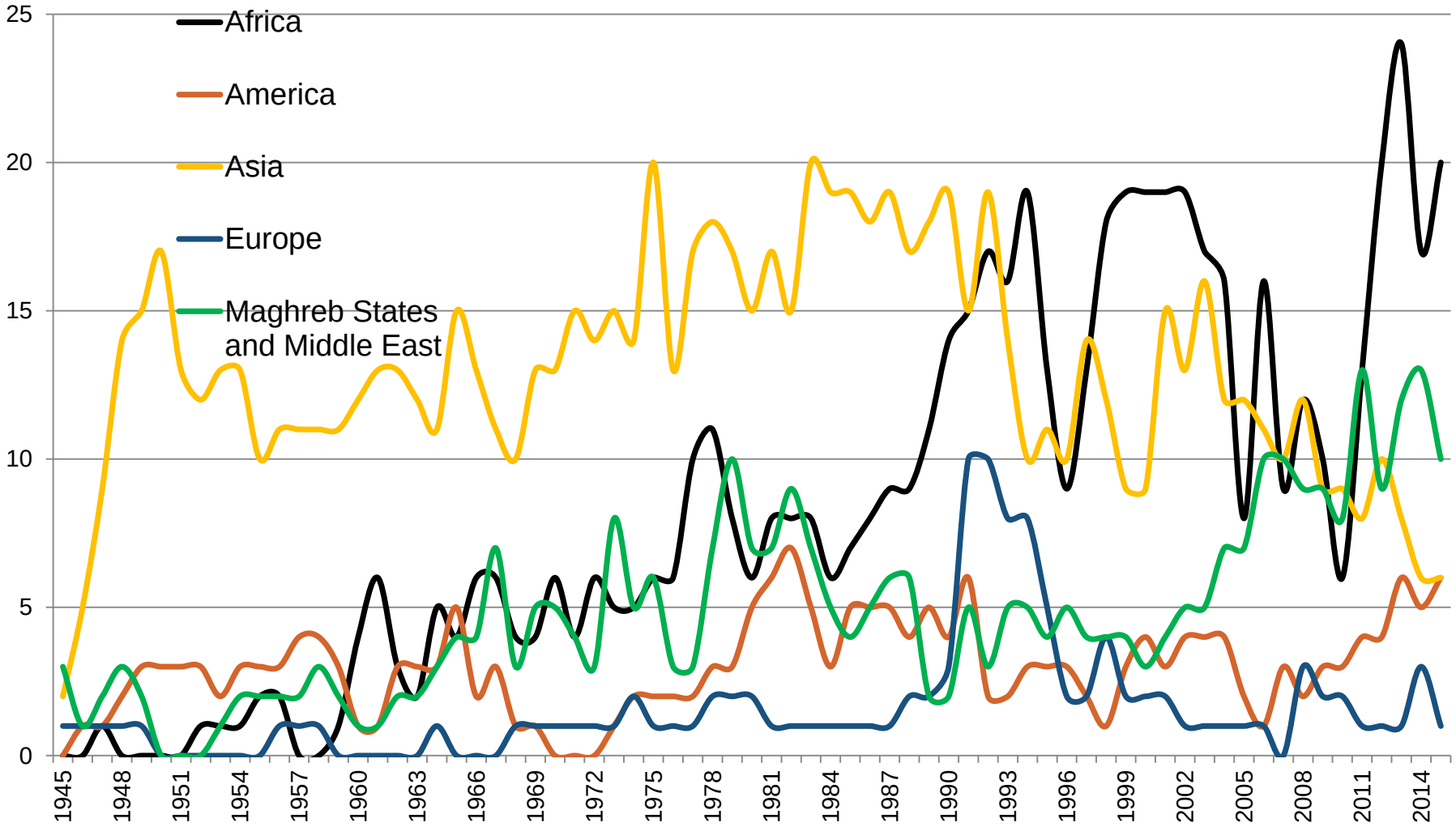
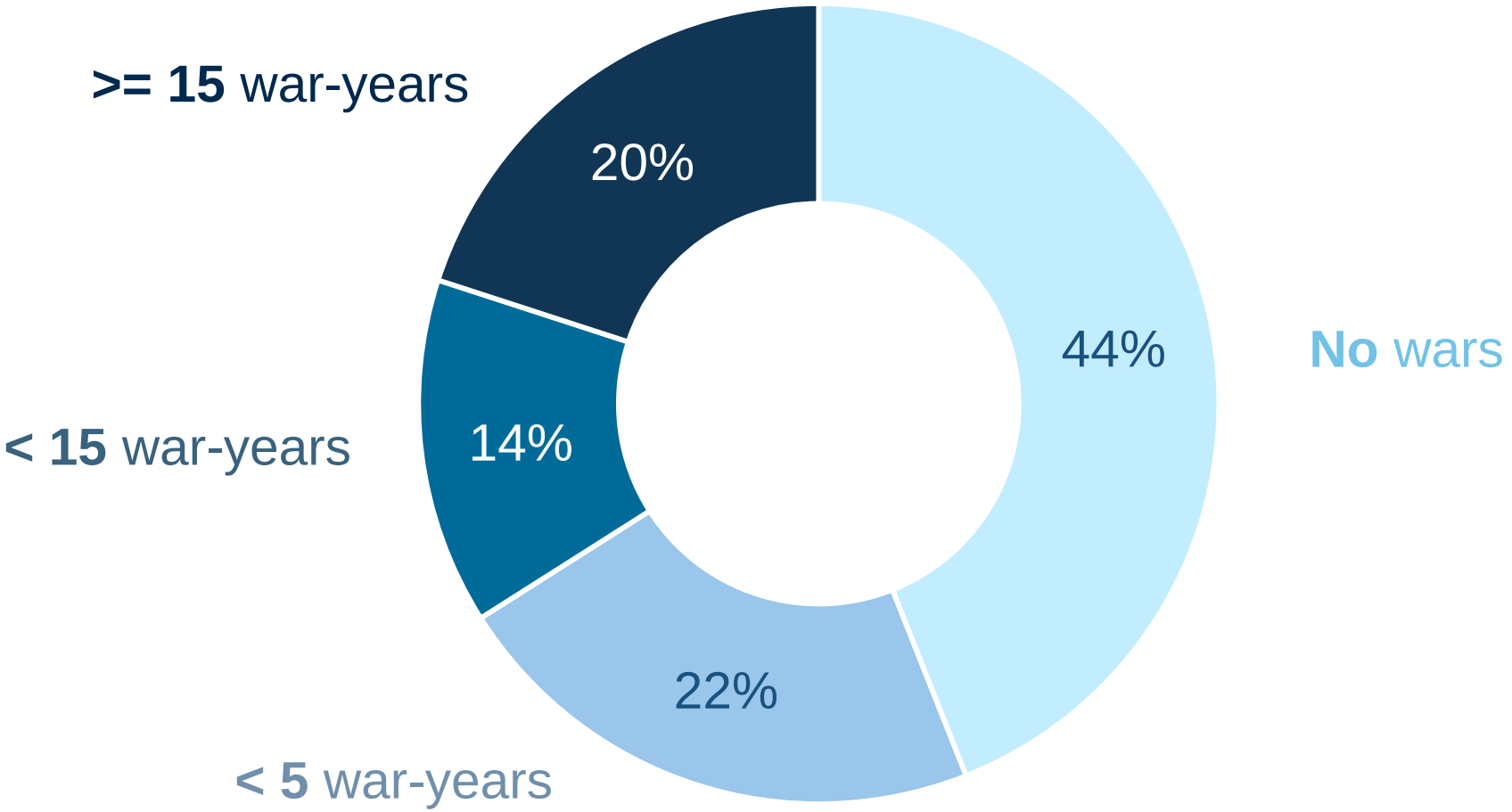


Burden of War-Years by Countries



Burden of War
by Country-Groups

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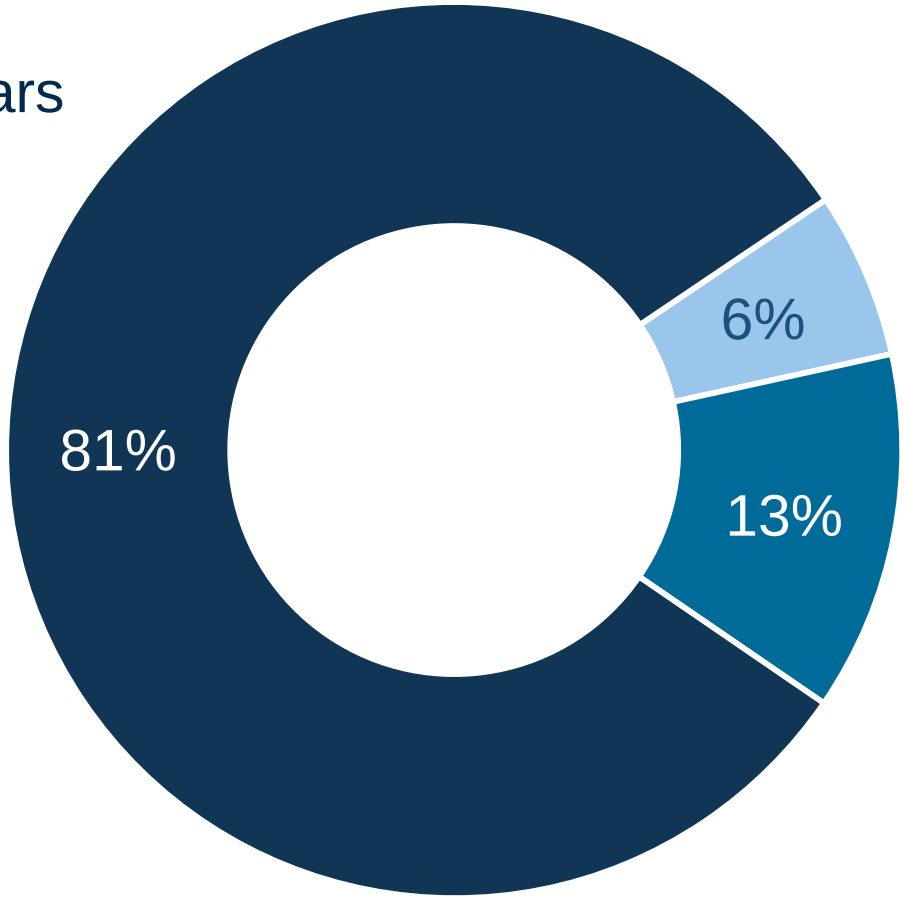
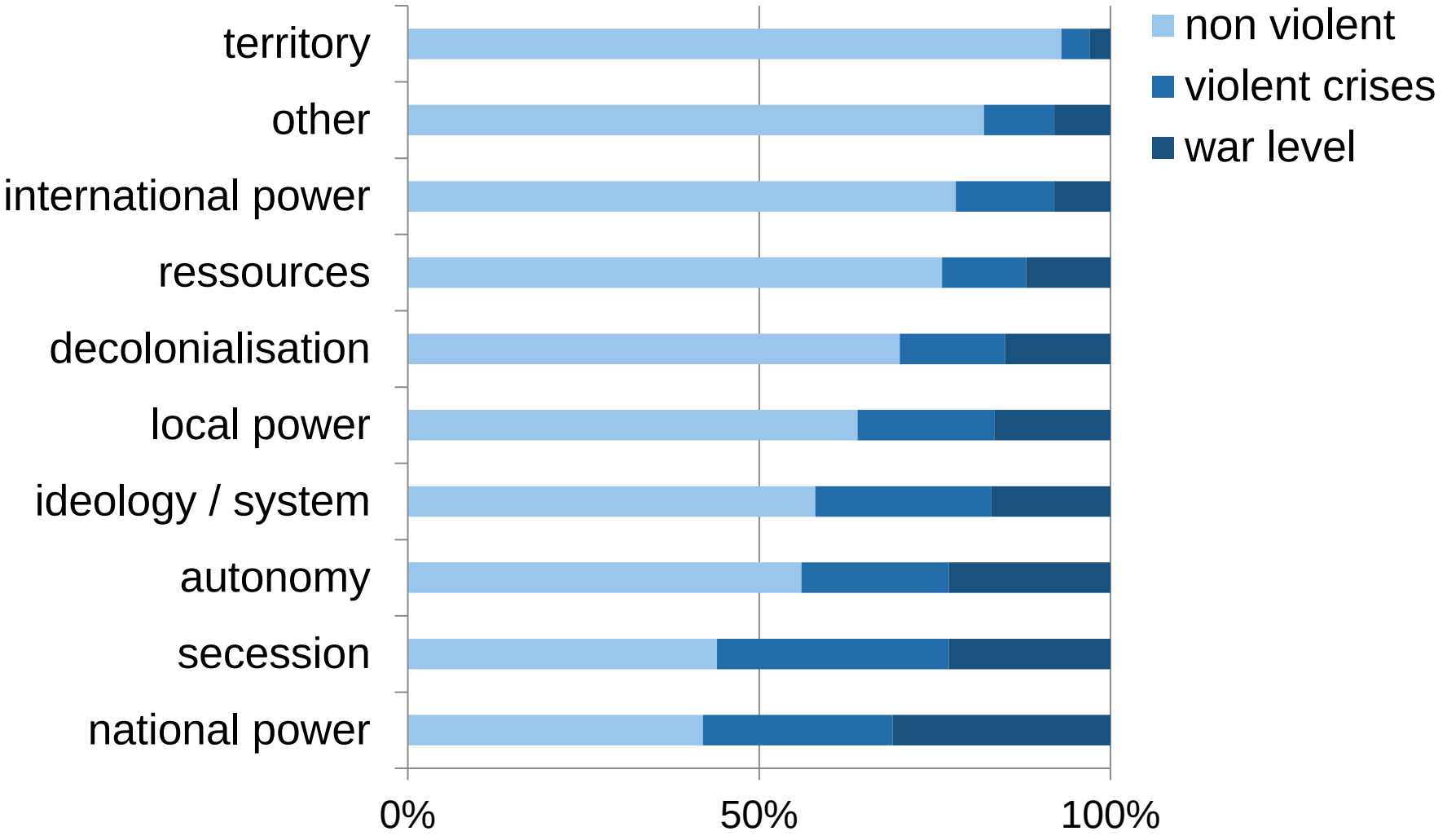


Items and Issues and the prone of violence



Assesment of Political Risk

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Risk of Escalation

Country Risk
(Structural Indicators)

- e.g. Child Mortality
- e.g. Demographic Factors
- e.g. Geography
- e.g. Conflict Burden

Conflict Risk
(Process Indicators)

- e.g. Items & Issues
- e.g. Conflict Measures
- e.g. Intensities of the past
- e.g. Actors Involved

Calculation of Risk Factor

Geo-Risk Analyser
www.georiskanalyser.com

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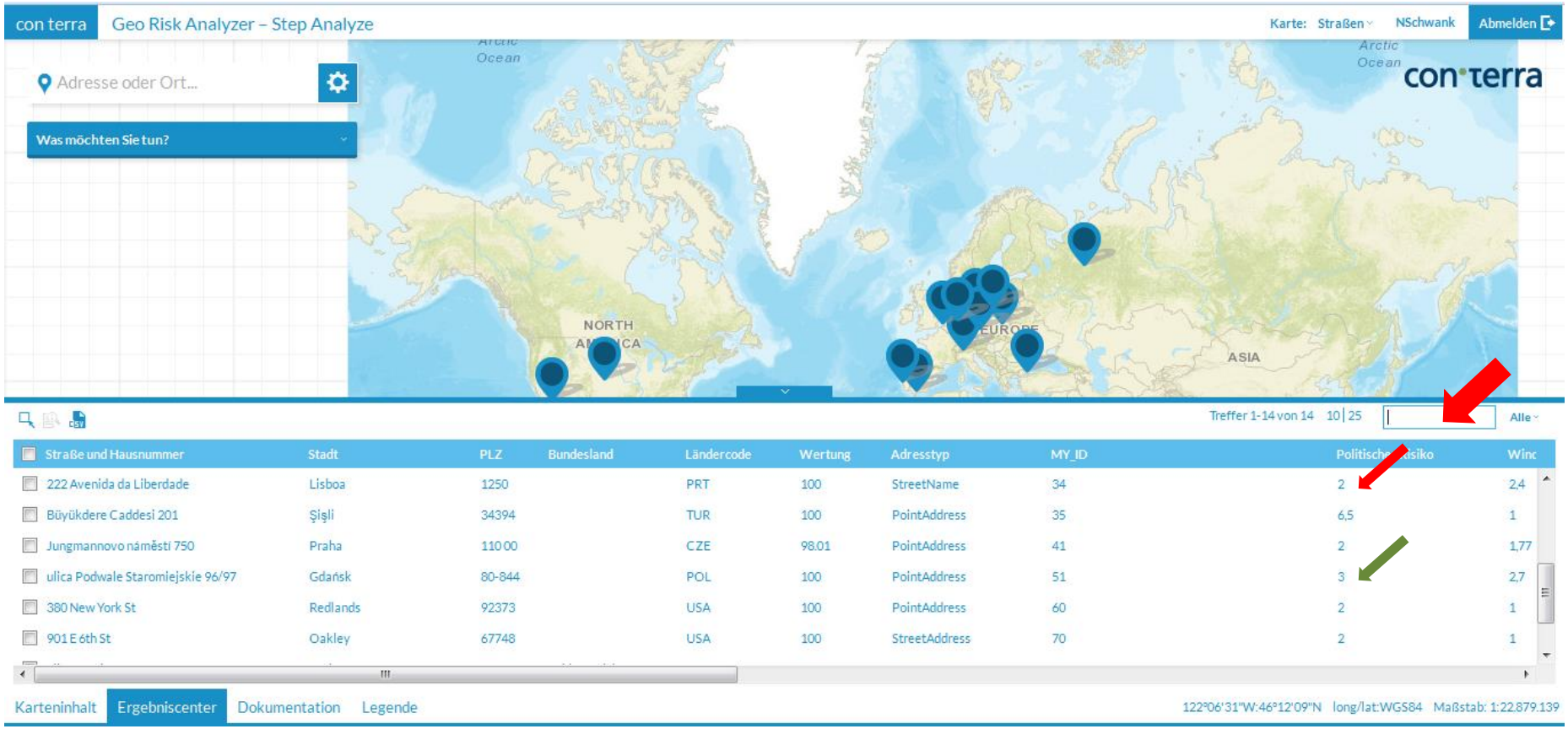

Summary

- Political Conflicts as relvant and highly topical threat to global economy
- Global Risk assesment by empirical analysis of structural and process indicators
- Connectivity to ESRI Software, e.g. www.georiskanalyser.com
- Further detailed data accessible

CONIAS RISK INTELLIGENCE GmbH
MAFINEX Center for Technology
Julius-Hatry-Str. 1
68163 Mannheim
www.conias.com

Data collection

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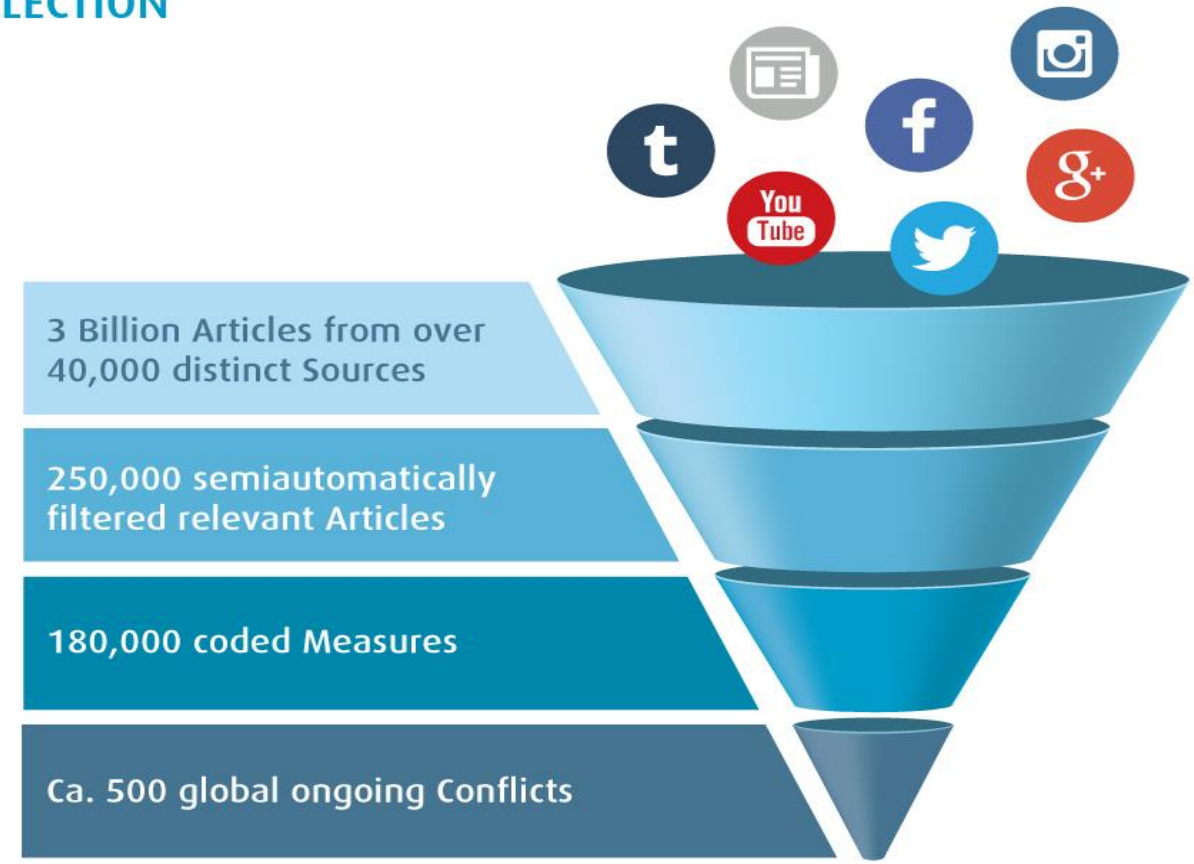
DATA COLLECTION



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CONIAS – conflict data base

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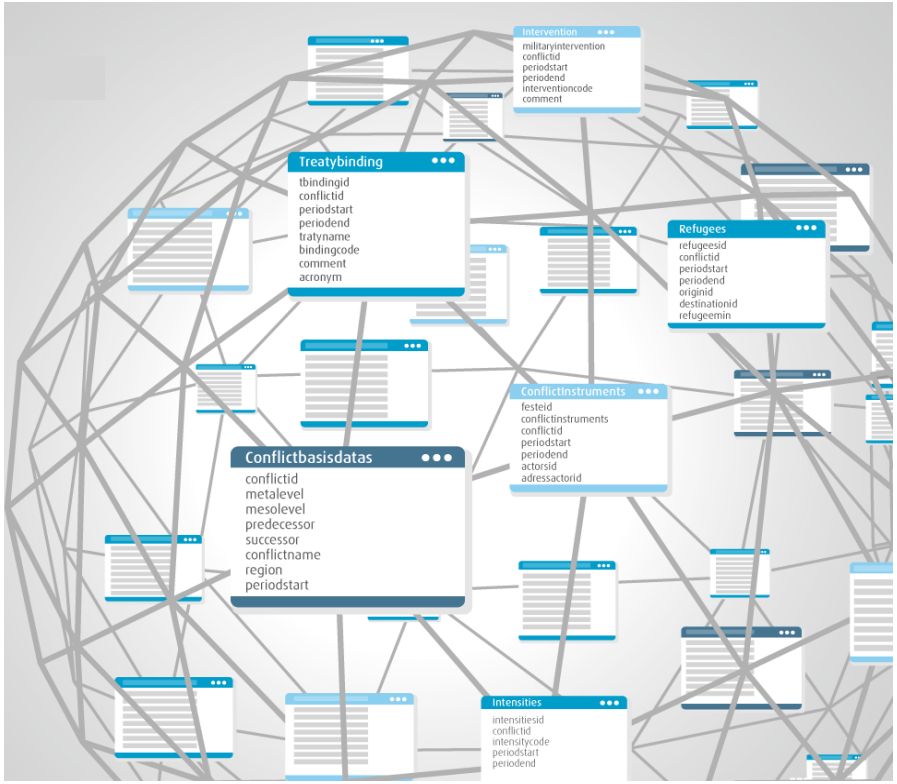
Relational conflict database
The database contains global data about conflicts dating back until 1945

- Quantitative Analysis
- Measures are captured georeferenced
- All measures can be put into context to each other
- Comprehensive statements about conflicts possible



Methodology of the CONIAS-Conflict model

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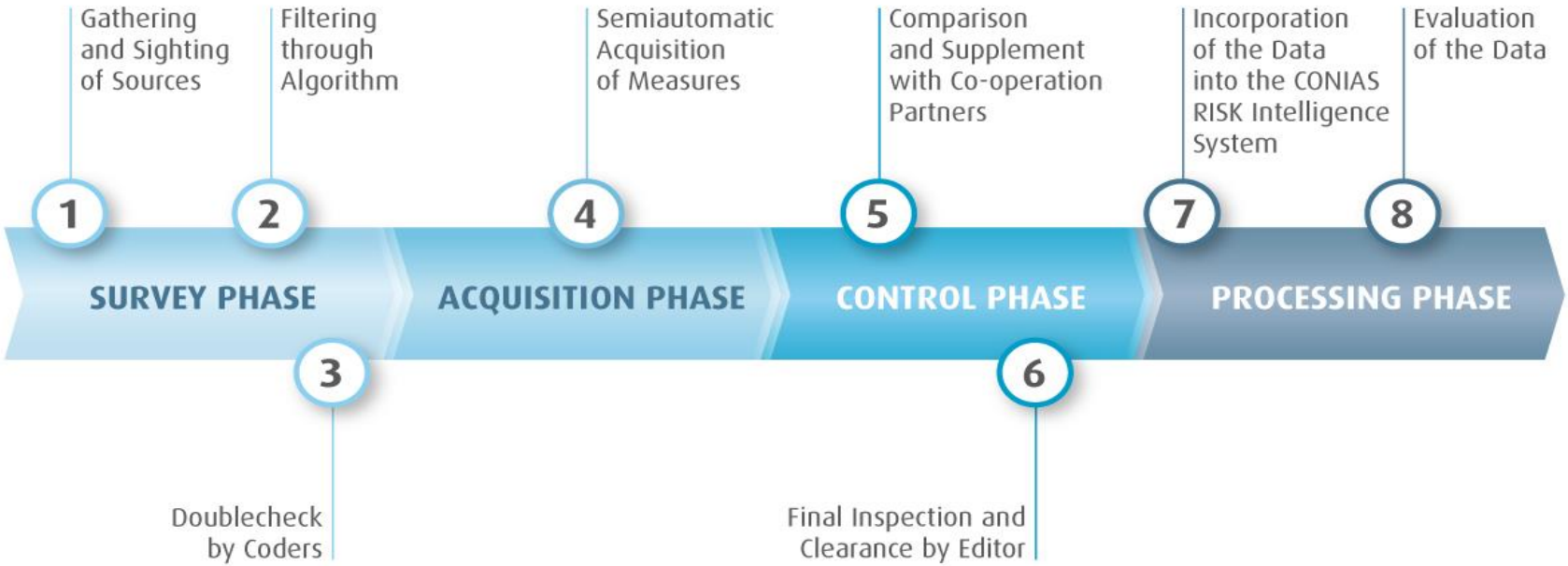
Temporary and spatial capturing of the conflict intensity

Indicators to determine the degree of violence within one conflict as a fundament for the CONIAS Risk-Rating:

- Extent of the deployed personnel
- Kind and use of armament
- Number of casualties
- Number of refugees
- Extent of the destruction to the infrastructure

Data processing

DATA PROCESSING



The CONIAS Risk-Rating (1/2)

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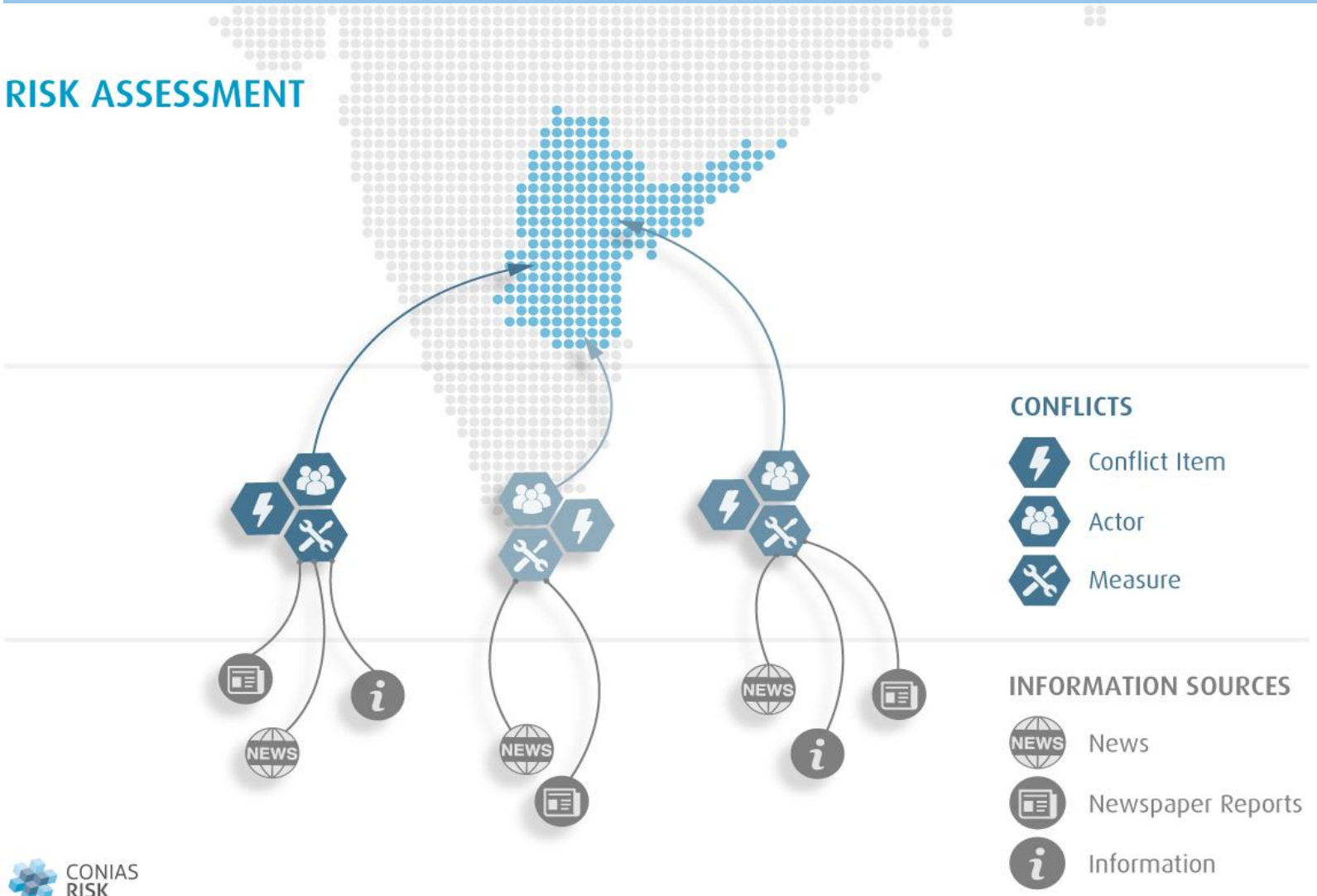

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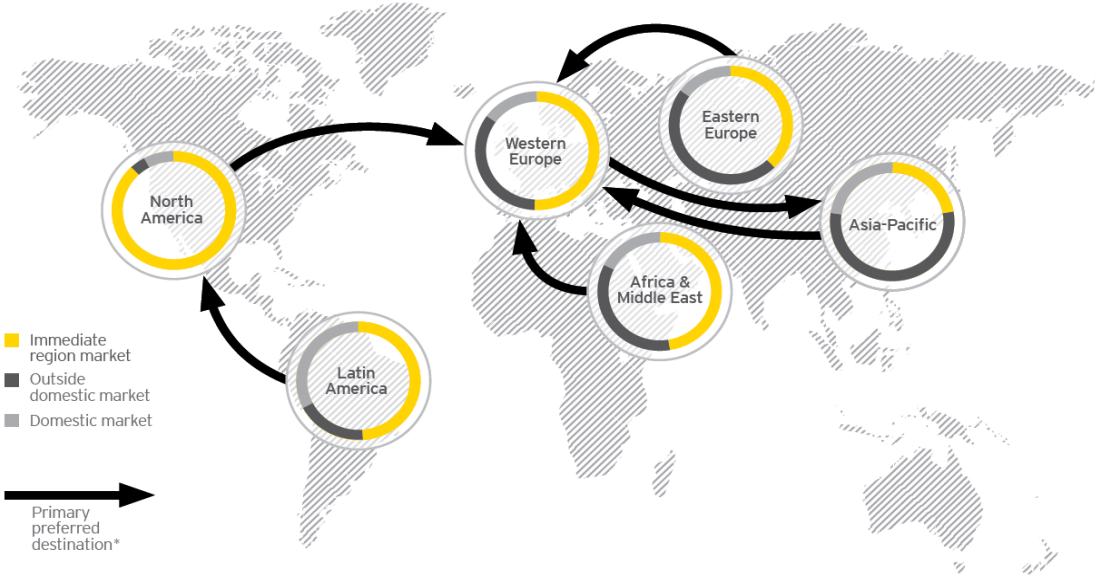
Importance of politic risks for companies

Increased number of investments across boarders

- Site Selection is becoming more important
- Political instabilities can put investment decisions into risk
- Globalized world in times of increased political instabilities within countries

Companies estimate political instability as the biggest contributor to economic risk for investment decisions

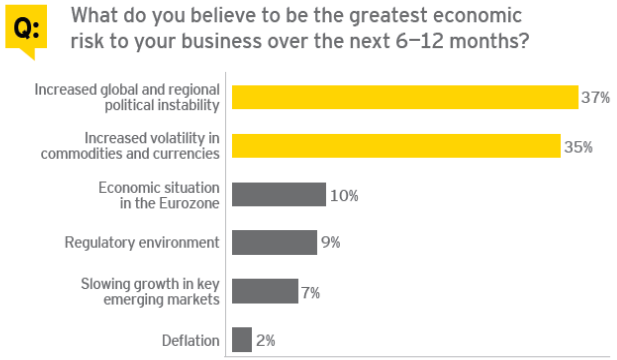
- Geo-political uncertanties remain high with increased volatility at commodities and currencies
- Eastern Europe and Middle East recognized as high risk places for political risks.



Geopolitical concerns persist, commodity and currency volatility rises

Unsurprisingly, when companies consider the major risks to their business, the largest number view the ongoing geopolitical issues – from Eastern Europe to the Middle East – as the greatest concern. What is perhaps surprising, and might have been unforeseen as recently as six months ago, is how the sharp fall in commodity prices and increasing volatility in currencies have grown as major concerns. These issues rank a strong second place to geopolitics among business risks. Going forward, divergent monetary policies may increase currency volatility, which, together with geopolitical concerns, hinders the ability of executives to plan ahead.

Source: Ernst&Young Capital Confidence Barometer 2015



Your Contact

Dr. Nicolas Schwank
CEO
Tel. +49 (0) 621 / 180 86 937
Mobil: +49 (0) 179 / 118 20 22
schwank@conias.de

Ingo Stegmaier
Head of Sales
Tel. +49 (0) 621 / 180 86 931
Mobil: +49 (0) 151 / 61 44 31 32
stegmaier@conias.de

CONIAS RISK INTELLIGENCE GmbH
MAFINEX Center for Technology
Julius-Hatry-Str. 1
68163 Mannheim
www.conias.com