



Web Intelligence | Big Data | Visual Analytics



Web Intelligence and Visual Analytics for Smart Sustainable Cities





UNEP Live Web UNEP Intelligence

unep.ecoresearch.net

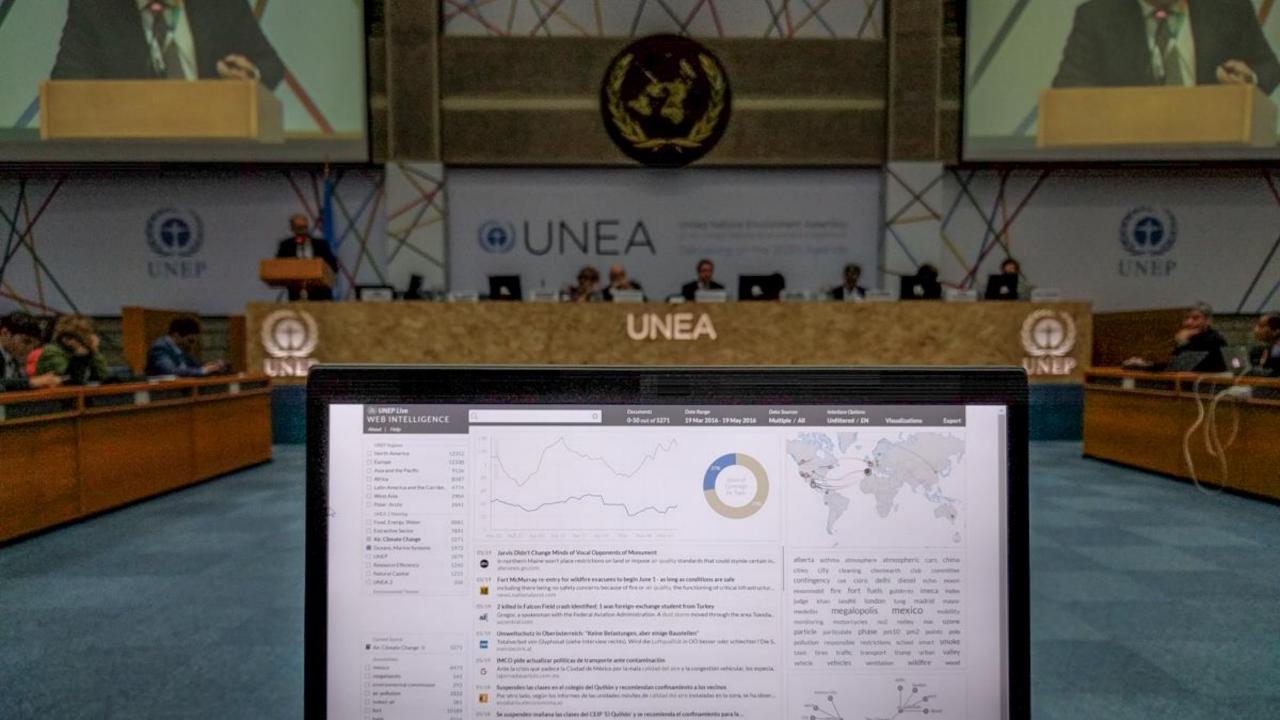
Developed by the Department of New Media Technology of MODUL University Vienna; powered by webLyzard technology

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Smart City Info Flows

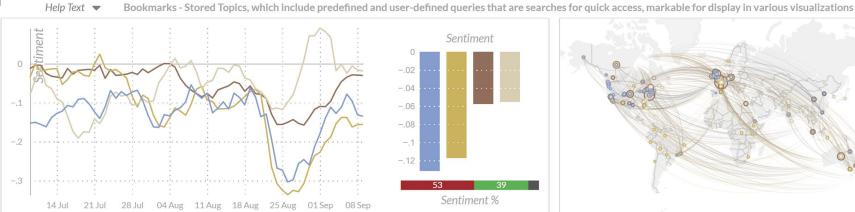
Knowledge Hub Visual Analytics



(UN Environment Configuration **#** Date Range: 09 Jul 2019 — 09 Sep 2019 菌 Data Sources: News / EN 🥞 About 1 WEB INTELLIGENCE Data Export 🖴 Advanced Search 🌼



BOOKMARKS	
General —	
Climate Change	16758
Water	5654
Biodiversity	4921
Air	2282
☐ Sustainable Develop	1274
— UNEP Regions —	
— Environmental Themes —	
— Sustainable Development Goals –	
☐ 16 - Peace, Justice an	57350
☐ 09 - Infrastructure 🕸	18661
□ 01 - No Poverty	8108
08 - Decent Work and	7721
03 - Good Health and	5606
02 - Zero Hunger	4803
☐ 10 - Reduced Inequali	3805
☐ 05 - Gender Equality	3365
□ 04 - Quality Education	3152

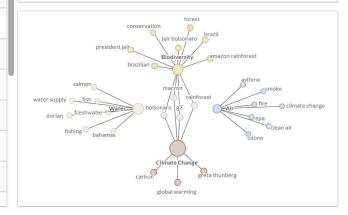




8182						
26057	Desc	cription	Count	Reach	Impact ▼	Sentiment
1218 8906	•	theguardian.com heating · australia · greta thunberg	780	0.9	702	-0.24
56922 2541	Ð	nzherald.co.nz ardern · jacinda ardern · country	731	0.9	658	+0.02
	•	scoop.co.nz new zealand · scooppro citizen · carbon	742	0.8	594	+0.37
16758	E	nytimes.com bolsonaro · macron · deforestation	658	0.9	592	-0.23
5654 4921	0	reuters.com thomson reuters · bolsonaro · g7	634	0.9	571	-0.24
2282 1274	©	o.canada.com thomson reuters · trudeau · g7	590	0.9	531	-0.14
12/4	ST	seattletimes.com inslee · macron · summit	521	0.9	469	-0.15
	¥	independent.co.uk rainforest · davos · economic forum	492	0.9	443	-0.19
57350 18661	ST	straitstimes.com singapore · national day · rally	449	0.9	404	-0.13
8108 7721	*	theglobeandmail.com update · trudeau · morning update	437	0.9	393	-0.05
5606 4803	CM	edition.cnn.com g7 · rainforest · trump	312	0.9	281	-0.18
3805 3365	*	startribune.com minnesota · dnr · epa	195	0.9	176	-0.08
3152	0	newswire.ca	196	0.8	157	+0.77



agriculture amazon arctic asthma bahamas biarritz bolivia bolsonaro brazil brazilian california carbon cleanest co2 coal colorado conservation contamination dam deforestation dioxide ecological emission environmental epa extinction fire fish fishing forest gas greenland groundwater indigenous inslee ipcc jakarta lake land lead Macron methane newark ozone polluted rainforest rebellion reforestation salmon sewage shark smoke spill storm SUMMit transport wildfire trudeau





Knowledge Hub
Visual Analytics

AGGREGATE, ENRICH & VISUALIZE



Smart City Communities

Stakeholder Engagement
Search & Publishing

PUBLISH & ENGAGE



Cities & Partner Organizations

Brand Communication **Success Metrics**

MEASURE & ANALYZE

Benefits of a Dedicated U4SSC City Intelligence Platform including Regional, SDG-Structured Smart City Content



Knowledge Hub
Visual Analytics



Smart City Communities

Stakeholder Engagement
Search & Publishing

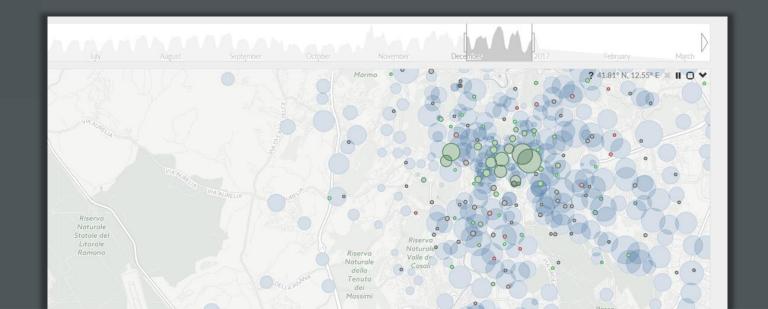


Cities & Partner Organizations

Brand Communication
Success Metrics

Understand not only real-world processes (e.g., human mobility, environmental indicators), but also what drives stakeholder communication and the public debate about these processes:

- Decision Support Tools for policy makers and professional stakeholders
- Novel Information Services for citizens and local communities





Knowledge Hub
Visual Analytics



Smart City Communities

Stakeholder Engagement Search & Publishing



Cities & Partner Organizations

Brand Communication
Success Metrics

Content Production Tools

Maximize the impact of dissemination and public outreach activities storypact.com

Visual Search Tools

Make city resources more accessible and share evolving community knowledge weblyzard.com/climate-resilience-toolkit







Knowledge Hub
Visual Analytics



Smart City Communities

Stakeholder Engagement
Search & Publishing



Cities & Partner Organizations

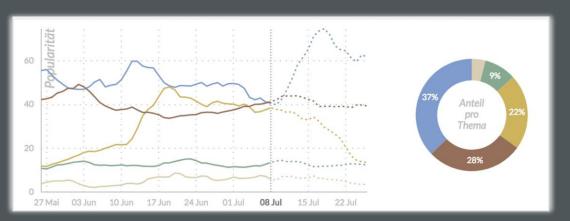
Brand Communication
Success Metrics

Success Metrics | City KPIs

Track stakeholder perceptions, cross-media impact and opinion leadership to compute new success metrics based on content patterns and city KPIs

AI-Based Predictive Analytics

Anticipate future trends to guide strategic decision making, optimize campaigns and identify potential problems (e.g. mobility bottlenecks)



WESSEROUN Surojeests: MREITIC (Hweeldyz Son Arm (Lwyg to DNI), EPOCH (FFG)

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