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Summary

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Definitions

Methodology (Data, Sources and Formulas)

> Results

> African Countries' CTHI Performance



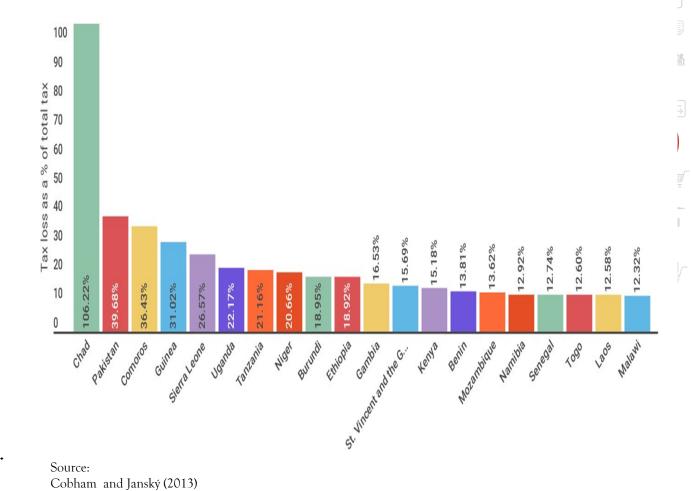
Questions

- ☐ Which Jurisdictions are the Corporate Tax Havens?
- ☐ How many billions of dollars in corporate tax are dodged each year globally by multinational corporations ?
- ✓ \$500 billion
- ✓ \$400 billion
- ✓ \$300 billion
- ☐ Can you rank these companies according to the level of taxation?
- Investment companies
- Bakeries and Groceries
- o **Banks** Justice Network Africa (TJNA)

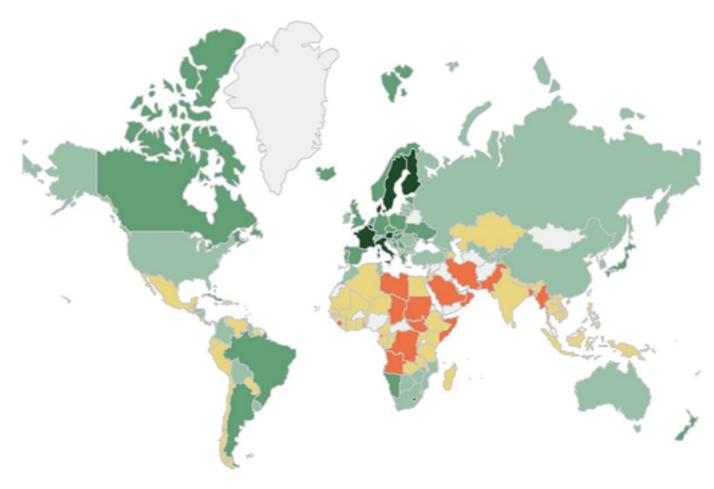
Context

- ❖ An estimated \$500 billion in corporate tax is dodged each year globally by multinational corporations.
- ❖ In 86 per cent of EU countries, investment companies are taxed less than bakeries and groceries.
- ❖ In 49 per cent of EU countries, banks are taxed less than bakeries and groceries.
- Since 1980, average withholding tax rates have fallen by 30% for most types of income, while the average rates on qualifying dividends has fallen by almost 50% (IMF, 2014).

Estimated Tax Loss (percent Total Tax)



Tax/GDP Ratio



10% or less | 10-20% | 20-30% | 30-40% | 40%+ |

Source: ICTD, 2018, Government Revenue Dataset, available for download here:

No data

https://www.wider.unu.edu/proj
ect/government-revenue-dataset

Definitions

Tax Base Spillovers

- Changes in taxable profits (through investment and the like)
- Shifting profits
- Tax avoidance

&/Or

Corporate Tax Haven

A jurisdiction that seeks to attract multinational companies by offering facilities that enable them to escape or undermine the tax laws, rules and regulations of other jurisdictions, reducing their tax payments in these jurisdictions.

Strategic Spillovers

- Tax competition
- Race to the bottom effects



The CTHI scores each country's tax system based on the degree to which it enables corporate tax avoidance

Corporate Tax Haven Index

- o **64 Jurisdictions** Selection criteria: EU membership or dependency, major misalignment jurisdictions, FASTA Project
- o **9 African Countries** Botswana, Gambia, Ghana, Kenya, Liberia, Mauritius, Tanzania, the Seychelles and South Africa
- o 2 Components between Score (HS) and the Global Scale Weight (GSW)
- The Indexs focuses only on the corporate income tax rules and practices applicable to (large) multinational enterprises' profits (including capital gains).
- O Data Sources IBFD, OECD, Big 4 (KPMG, PwC, Deloitte, E&Y), IMF, Global Forum peer reviews, Lowtax.net, Ocra.com, Open Company Data Index, NRGI, Government designated websites (of the Ministries of Finance, the Tax Authorities and Investment Agencies)...

The CTHI Components: HS & GSW

Qualitative Componenent: Haven Score

Haven Indicat or #	Haven Indicator Short Code	Haven Indicator	OECD BEPS	OECD AP 5	IMF Spillover	EU / State Aid
1	LACIT	Lowest Available Corporate Income Tax			X	Х
2		Foreign Investment Income Treatment			X	
3		Loss Utilisation				
4	Loopholes and gaps	Capital Gains Taxation			X	
5		Sectoral Exemptions	Х	Х		
6		Tax Holidays and Economic Zones	Х	Х		
7		Patent Boxes	X	X		
8		Fictional Interest Deduction				
9		Public Company Accounts				
10	Transparency	Country by Country Reporting				X
11		Local Filing of Country by Country Reporting	×			
12	,	Tax Rulings and Extractive Contracts	×	X		×
13		Reporting of Tax Avoidance Schemes				X
14		Tax Court Secrecy				
15		Deduction Limitation for Interest	×		X	×
16		Deduction Limitation for Royalties				
17	Anti-avoidance	Deduction Limitation for Service Payments			X	
18		Dividend Withholding Taxes				
19		Controlled Foreign Company Rules	×		X	Х
20	Double Tax Treaty Aggressiveness	Double Tax Treaty Aggressiveness			Х	

Quantitative Component: Global Scale Weight

Bilateral Data on FDI from IMF Coordinated Direct Investment Survey (CDIS)

http://data.imf.org/CDIS



Formulas

Haven Score (HS): $0 \le SS \le 100$

For each country i (with k ϵ HI (1,...,20)):

LACIT = HI_{1i}

Loopholes and gaps [LG] = $\frac{1}{7}\sum_{k=2}^{8}HI_{(k,i)}$

Transparency [T) = $\frac{1}{6} \sum_{k=9}^{14} HI_{(k,i)}$

Anti-avoidance [AA] = $\frac{1}{5} \sum_{k=15}^{19} HI_{(k,i)}$

Double Tax Treaty Aggressiveness [DTTA] = HI_{20i}

 $HS_i = [LACIT_i] * [LG_i] * [T_i] * [AA_i] * [DTTA_i]$

$CTHI_i = \left(HS_i^3 * \sqrt[3]{GSW_i}\right) / 100$

Global Scale Weight (GSW)

For each country i and partner jurisdiction j :

Inward FDI position_{ij} = $\max(reported\ inward\ FDI_{ij}, derived\ inward\ FDI_{ij}, 0)$ Outward FDI position_{ij} = $\max(reported\ outward\ FDI_{ij}, derived\ outward\ FDI_{ij}, 0)$

$$inward\ FDI\ position_i = \sum_{j=1}^{N} inward\ FDI\ position_{ij}$$
 $outward\ FDI\ position_i = \sum_{j=1}^{N} outward\ FDI\ position_{ij}$

N = Number of j for country i

$$inward\ FDI\ position_i = \sum_{j=1}^{N} inward\ FDI\ position_{ij}$$

$$outward\ FDI\ position_i = \sum_{j=1}^{N} outward\ FDI\ position_{ij}$$

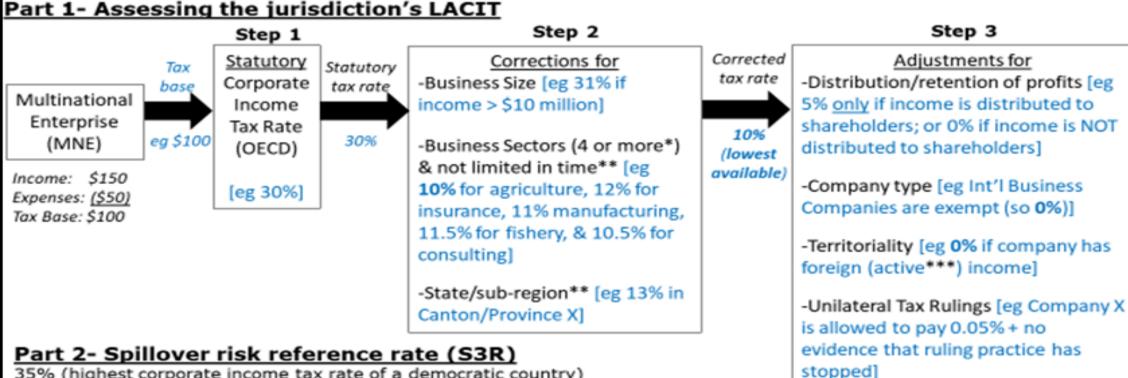
$$average\ FDI\ position_i = \frac{inward\ FDI\ position_i + outward\ FDI\ position_i}{2}$$

$$GSW_i = \frac{average\ FDI\ position_i}{\sum_{i=1}^{M} average\ FDI\ position_i}$$

and M = Number of jurisdictions for which data is available.

HI1-Lowest Available Corporate Income Tax (LACIT)

WHAT'S THE LOWEST AVAILABLE CORPORATE INCOME TAX RATE (LACIT) FOR A MULTINATIONAL COMPANY?



Part 3- Calculating the Haven Score

= Spillover Risk Reference Rate - LACIT

= 35%0% (eg above)

35% (highest corporate income tax rate of a democratic country)

= 35% [Jurisdiction's spillover risk rate or SRR]

Standarization of jurisdiction's SRR (values for all Haven Indicators: 0 to 100)

Juris' spillover risk rate = 35% (LACIT = 0%) -> HI 1= 100 (tax avoidance risk!)

Adjusted

tax

rate

(lowest

available)

Other Examples of HI values depending on different LACIT values:

[Pro-rata: eg. Juris' SRR= 25% (LACIT = 10%) -> HI 1 = 71]

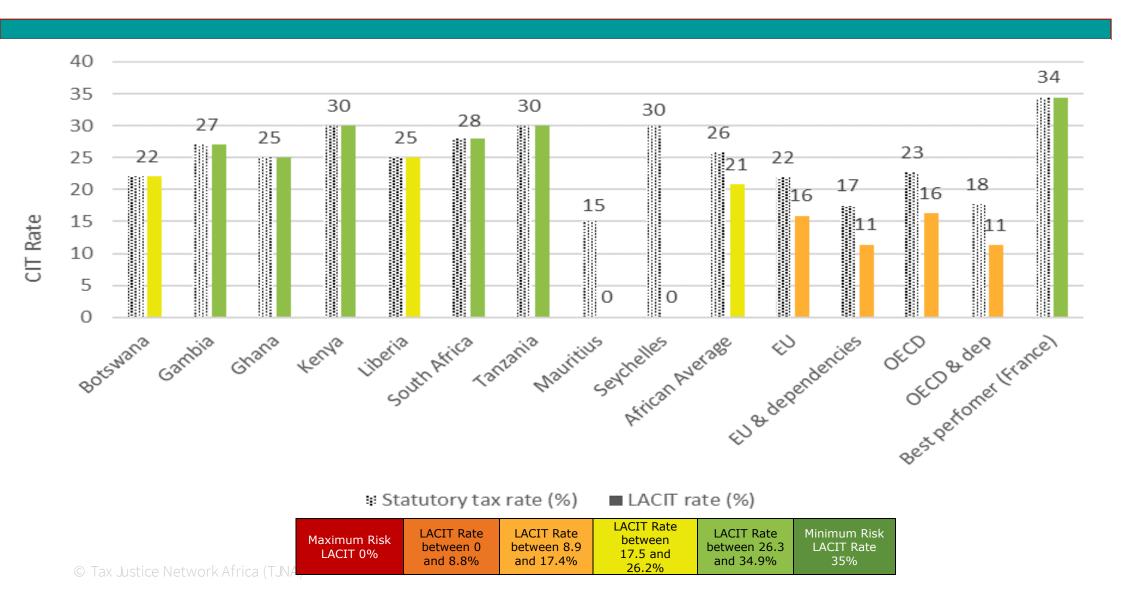
Juris' SRR= 0% (LACIT = 35%) -> HI 1 = 0 (no tax avoidance risk)

^{*} Otherwise, lower rates applicable to specific sectors are assessed in HI 5 (no correction is made in HI 1 for less than four fully exempt active business sectors).

^{**} Lower rates applicable for up to 10 years, or applicable only in economic zones, are assessed in HI 6 (no correction is made in HI 1).

^{***} Passive income (eg interest, dividends, royalties) is assessed in HI 2 and 20 (no adjustment is made in HI 1).

LACIT: Results



HI6 -Tax Holidays and Economic Zones

Negative Effects

- Distortion of the economy;
- Encouraging round tripping;
- Increase of tax abuse;
- Increase of the risk in terms of redundancy;
- harmful to public finance,
 spending, development and
 human rights outcomes while
 increasing the rent of MNEs;
- Increase of the administrative costs;
- Favourising readily mobile ('footloose') activities.

Positive Effects

 Potential Increase of FDIs, Employment, Government Revenue...

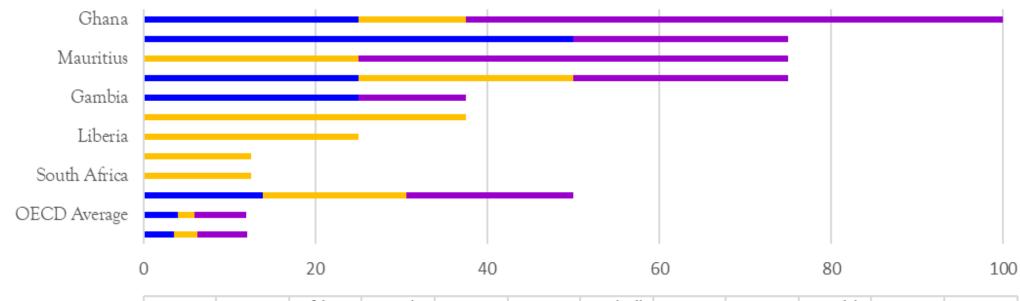
In the practice: "overall tax incentives encouraged an additional investment of 2.1 billion rand each year between 2006 and 2012. [...] The revenue foregone as a result of the lower tax as a result of the tax incentives is about 4.5 billion rand each year over the seven year period. [...] In terms of jobs, the tax incentives have resulted in 34,000 additional jobs. However it has not come cheap costing an average of about 116,000 rand of revenue foregone for each job in South Africa." (World Bank Group, 2016)

Table: Scoring Matrix Haven Indicator 6

			-
	Regulation	Haven	Score
[Each ju	risdiction's score starts at 0, and for each	[100 = max]	
profits-base	ed exemption found, a specific credit is added	= minim	um risk] 💿
`	or 12.5) according to the type of exemption oplicable, up to a maximum of 100.	Type of E	xemption
	,p.:.a, ap ac aaa e. =001]	Full	Partial
	Non-Economic Zone		
	Income is exempt from CIT and/or CGT for a	+ 25	12.5
	specific period, usually some years, but is not restricted to a particular geographical location.	(F) E	TAX JUSTICE NETWORK AFRICA
Temporary	Economic Zone (EZ)	5	
	Income generated by companies established in a specific geographical area is exempt from CIT	+ 25	+ 12.5
	and/or CGT for a limited number of years (up to		© [©]
	10).		
	Economic Zone (EZ)		0 0
Permanent	Income generated by companies established in	+ 25	+ 12.5
	a specific geographical area is from CIT and/or CGT, and this exemption is either permanent, or		
	applicable for more than 10 years.		

HI6: Results

Tax Holidays and Economic Zones - Subcomponents

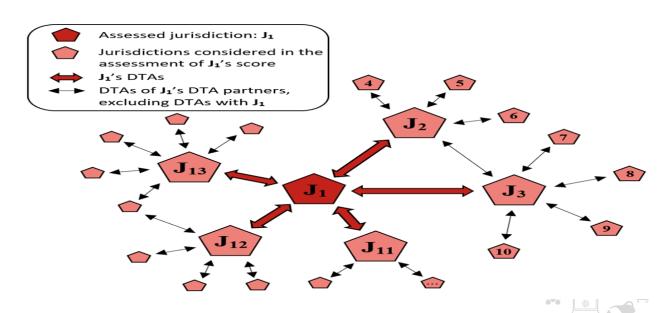


	EU Average	OECD Average	African Average	South Africa	Botswan a	Liberia	Seychelle s	Gambia	Tanzania	Mauritiu s	Kenya	Ghana
■ Temporary Exemptions Economic Zones	4	4	14	0	0	0	0	25	25	0	50	25
Permanent Exemptions Economic Zones	3	2	17	12.5	12.5	25	37.5	0	25	25	0	12.5
■ Temporary Exemptions Non-Economic Zones	6	6	19	0	0	0	0	12.5	25	50	25	62.5

HI20-Double Tax Treaty Aggressiveness

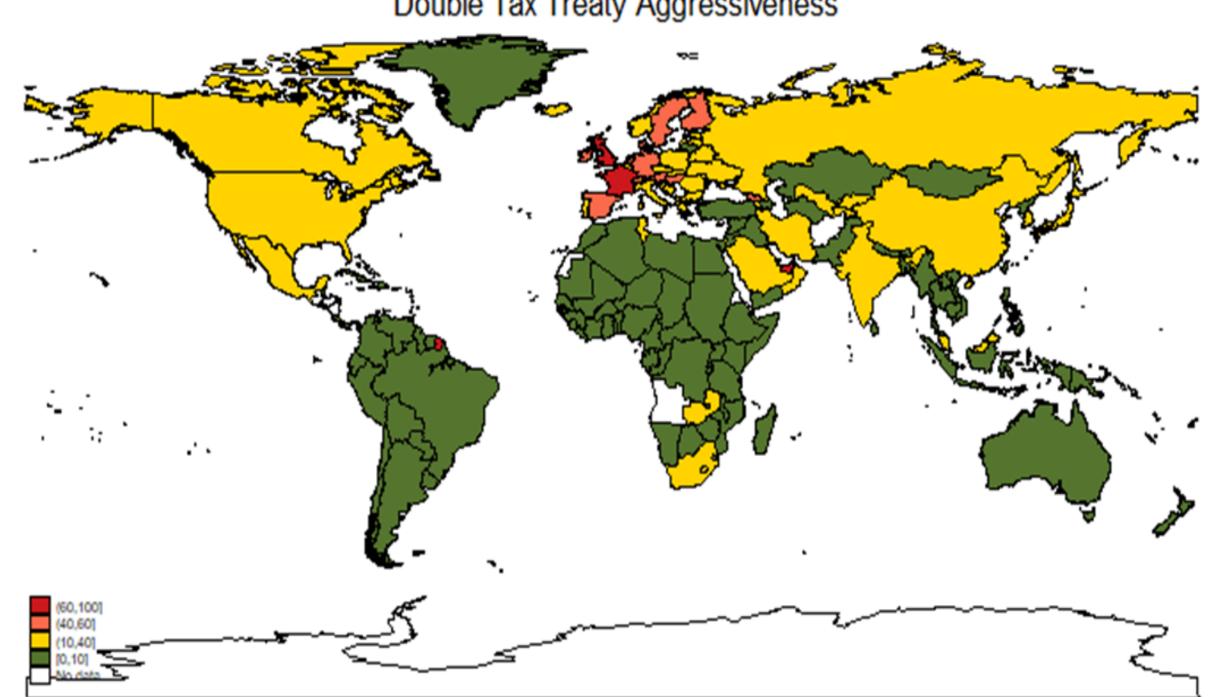
Race to the bottom ——Treaty Shopping

Participating											
Time Period	Dividend	Dividend	Interest	Royalty							
Year	Average Domestic Law WHT Rates No. Countri										
2000	15.2	14.1	15.1	17.2	107						
2013	13.1	10.7	10.7 14.0		179						
Treaty Age	Av	Average Treaty WHT Rates									
0-5 years	10.1	5.6	7.9	8	533						
5-10 years	11.7	6.9	9.1	9.3	635						
10-20 years	12.4	8.1	9.6	9.8	1554						
20-30 years	14.2	11.2	10.8	11.5	529						
>30 years	14.6	11.1	11.7	11.3	328						

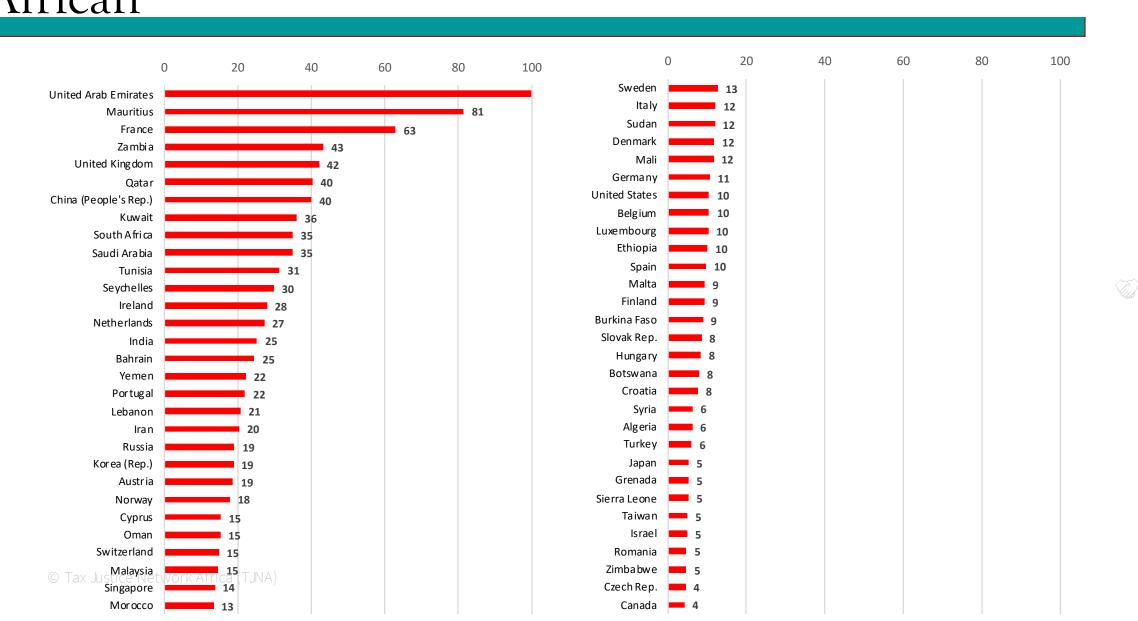


	Dividend	Interest	Royalty
Average rate Assessed Jurisdiction	$A_{(Div; J_a, J_p)} = R_{(Div; J_a, J_p)} (1)$	$A_{(Int; J_a, J_p)} = R_{(Int; J_a, J_p)}$ (2)	$A_{(Roy; J_a, J_p)} = R_{(Roy; J_a, J_p)}$ (3)
Average rate Other Jurisdictions	$P_{(Div; J_p, J_O)} = \frac{\sum_{i=1}^{l} R_{(Div; J_p, J_{O(i)})}}{l} (4)$	$P_{(Int; J_p, J_O)} = \frac{\sum_{i=1}^{l} R_{(Int; J_p, J_O(i))}}{l} $ (5)	$P_{(Roy J_p, J_O)} = \frac{\sum_{l=1}^{l} R_{(Roy; J_p, J_O(l))}}{l} $ (6)
Differentials	$Df_{(Div; J_a, J_p)} = A_{(Div; J_a, J_p)} - P_{(Div; J_p \ J_O)} (7)$	$Df_{(Int; J_a, J_p)} = A_{(Int; J_a, J_p)} - P_{(Int; J_p, J_O)}$ (8)	$Df_{(Roy; J_a, J_p)} = A_{(Roy; J_a, J_p)} - P_{(Roy; J_p, J_o)}$ (9)
Sum of Differentials	$Df_{(Div;J_a)}^- = \sum_{\forall p \in D_a} Df_{(Div;J_a,J_p)}^- \text{ (10)}$	$Df_{(Int; J_a)}^- = \sum_{\forall p \in I_a} Df_{(Int; J_a, J_p)}^- (11)$	$Df_{(Roy; J_a)}^- = \sum_{\forall p \in R_a} Df_{(Roy; J_a, J_p)}^-$ (12)
Final x Justice Network Af Formulas	$Df_{(Da)} = Df_{(Div;J_a)}^{-} + Df_{(Int;J_a)}^{-} + Df_{(R)}^{-}$	(13) (13)	$HI20_{(J_a)} = \frac{Df_{(J_a)}^-}{Df_{(\overline{J_m})}^-} \times 100$ (14)

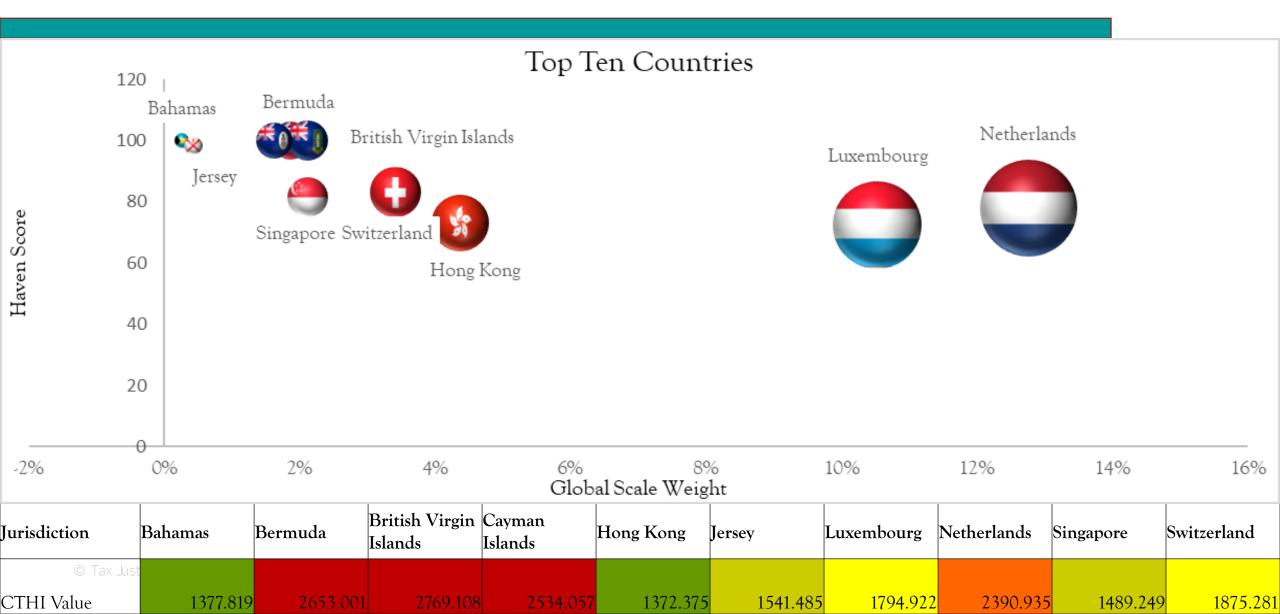
Double Tax Treaty Aggressiveness



DTTA: Normalised scores of aggressiveness towards African



CTHI Results



African Countries' CTHI Performance

Africa Rank	CTHI Rank	Jurisdiction	CTHI Value	CTHI Share	Haven Score	Global Scale Weight
1	14	Mauritius	950	2.50%	80	0.65%
2	42	South Africa	184	0.48%	47	0.54%
3	44	Seychelles	163	0.43%	68	0.01%
4	56	Botswana	74	0.20%	55	0.01%
5	57	Liberia	71	0.19%	49	0.02%
6	58	Kenya	60	0.16%	51	0.01%
7	60	Ghana	56	0.15%	49	0.01%
8	62	Tanzania	40	0.11%	46	0.01%
9	63	Gambia	9	0.02%	48	0.00%

Territories marked in light blue are British Commonwealth territories which are not OTs or CDs but whose final court of appeal is the Judicial Committee of the Privy Council in London (see here for more details: http://www.taxjustice.net/cms/upload/pdf/Privy Council and Secrecy Scores.pdf).

What does the CTHI offer?

Rank	Jurisdiction	CTIO.	CTIII.	Haven	Global Scale Walghe
	British Virgin Islands	2.709	7.29%	100	2,121
	Dermuda	2.653	0.90%	500	1,861
	Cayman Islands	2,534	0.07%	100	1.621
	Netherlands	2,390	6.29%	78	12.701
	Switzerland	1,875	4.93%	83	3.411
	Luxembourg	1,794	4.72%	72	10.531
	Jarany	1,541	4.05%	96	0.421
	Singapore	1,489	3.92%	Bri	2.111
0	Bahamas Hong Kong	1,377	3.62%	100	4.371
1	Ireland	1,363	3.50%	70	3.111
2	United Arab Emirates	1,244	3.27%	90	0.221
5	United Kingdom	5,047	2.81%	63	7.301
	Mauritius.	950	2,50%	00	9.601
5	Guarriany	890	2.34%	56	0.001
G	Delglum	822	2.10%	CG	1.821
7	liste of Man	804	2.11%	100	0.051
in .	Cyprus	090	1.02%	74	0.731
9	China	650	1.73%	58	3.67
10	Hungary	560	1.47%	08	0.491
1	Curação	552 525	1.45%	72	0.321
2	Maira	510	1.30%	74	0.221
M	Germany	400	1,21%	52	3.321
5	USA	407	1.07%	43	12.001
10	Panama	405	1.00%	72	0.131
7	Spain	422	1.00%	55	1.531
90	Gibraltan	290	1.04%	00	0.281
9	Sweden	364	0.90%	56	0.091
10	Italy	301	0.79%	51	1.271
11	Canch Republic	209	0.71%	59	0.231
(2)	Turks and Calcos	265	0.09%	100	0.001
0	lalanda	257			
M	Austria	257	0.67%	52	0.001
6	Anguilla	232	0.01%	500	0.001
	Denmark	220	0.59%	52	0.441
7	Liechtenstein	224	0.59%	70	0.001
10	Lebanon	220	0.50%	73	0.011
10	Exponia	211	0.55%	627	0.031
0	Monaco	200	0.54%	68	0.031
4	Lapvia	190	0.51%	68	0.021
2	South Africa	184	0.40%	47	0.541
2	Romania	177	0.40%	56	0.111
4	Saychallas	163	0.42%	CB	0.011
	Duigaria Marao	143	0.37%	56	
6	Macao	144	0.30%	57	0.051
P O	Signatria Croatia	135	0.35%	53	0.071
9	Portugal	127	0.33%	46	0.221
0	Talwan	120	0.21%	47	0.101
4	Anderra	109	0.20%	00	0.001
2	Ulthuania	100	0.20%	55	0.021
3	Poland	90	0.25%	40	0.321
46	Aruba	91	0.24%	64	0.001
5	Slovente	80	0.21%	50	0.021
io.	Dotswana	74	0.19%	55	0.001
T	Liberta	71	0.10%	49	0.021
in .	Kenya	60	0.15%	51	0.011
100	San Marino	56	0.14%	62	0.001
10	Ghana	56	0.14%	49	0.011
	Greece	53	0.14%	20	0.071
2	Tanzania Gambia	-60	0.10%	46	0.001

Ranking

https://corporatetaxhavenindex.org/introduction/cthi-https://corporatetaxhavenindex.org/explore/countryreports 2019-results



Summary Reports

Technical Reports

https://corporatetaxhavenindex.org/database/Andorra.xml

Andorra	3															
Info_ID	Info_Nur	Group	Category	Question	Country_	Country	Country	Data	Data_Te	:Data_Da	Data_Ty	Notes,	Supple	ement an	d Sourc	es
572		LACIT	1-LACIT		119	AD	Andorra	()		text					
505	10	LACIT	1-LACIT	Statutory	119	AD	Andorra	10)	2018	NumPC	*SRC: 0) *\v\v\	V: https://s	tats.oecd.	org/Index.
506	20	LACIT	1-LACIT	CIT-Rate	119	AD	Andorra		Not app		NumPC					
507	30	LACIT	1-LACIT	CIT-Rate	119	AD	Andorra	- 2		2019	NumPC	*NTE: 0	*NTE:	T) *SRC: ()*WWW	*SRC: C
541	40	LACIT	1-LACIT	CIT-Rate	119	AD	Andorra		Not app	licable	NumPC					
542	50	LACIT	1-LACIT	CIT-Rate	119	AD	Andorra		Not app		NumPC					
543				CIT-Rate		AD	Andorra		Not app			*NTE:\	v*\v\v\	V: *SRC: I	BFD 2019	в
544				CIT-Rate		AD	Andorra		Not app		NumPC					
545				CIT-Rate		AD	Andorra		Not app		NumPC					
555				Legal Pe		AD	Andorra		Exempt		Lkup			IE*WWw		
554				Legal Pe		AD	Andorra		Exempt		Lkup			IE *SRC: D		19a
553				Legal Pe		AD	Andorra		Credit	2018	Lkup			IBFD 201e		
552				Legal Pe		AD	Andorra	- 2	Credit	2018	Lkup			IBFD 2018		
509				Loss Car		AD	Andorra		No	2018	YN			IBFD 2018		
510				Loss Car		AD	Andorra		1 Yes, los		Lkup			IBFD 2018		
513				Domestic		AD	Andorra	(2018						: https://ar
514				Foreign:		AD	Andorra	(2018	NumPC			v: *WWW		
524				Real Est		AD	Andorra		Unknow		Lkup			V: *SRC: I		
525				Other Inv		AD	Andorra		Full: Ye		Lkup			V: *SRC: I		е
526				Extractiv		AD	Andorra		None: N		Lkup			IBFD 2019		
527				Agricultu		AD	Andorra		None: N		Lkup			IBFD 2019		
528	210	Loophole	5-Broad	Manufac	119	AD	Andorra		None: N		Lkup			IBFD 2019		
529	220	Loophole	5-Broad	Construc	119	AD	Andorra	(None: N	(2019	Lkup	*WWW	*SRC:	IBFD 2019	е	

Open Data

https://www.financialsecrecyindex.com/explore/excel

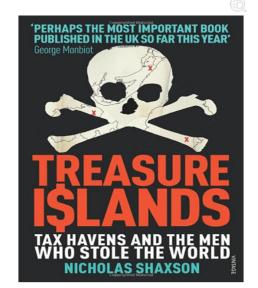
La Toile d'araignée: le second empire britannique



Podcasts Francophones: Impôts et Justice Sociale







Conclusion

Tax Justice Network is calling on governments to use the Corporate Tax Haven Index to evaluate their vulnerabilities to corporate tax avoidance risk, both internal and from other countries, and immediately identify opportunities for minimizing their exposure.

- ☐ The Top 10 CTHI's jurisdictions alone are responsible for over half (52 per cent) of the world's corporate tax avoidance risks.
- \square Over 2/5 of global FDI is booked in these top 10 countries.
- ☐ The biggest receivers of tax incentives across the world are the banking and financial sectors.

Concerning Africa, in particular:

- ☐ Africa nations are on average more exposed to tax avoidance risks than responsible for creating these risks compared to higher income regions.
- ☐ The United Arab Emirates and Mauritius are the most aggressive towards African countries.
- ☐ African nations on average offer three profit-based tax incentives for every one cost-based tax incentive while European nations on average offer a near one-to-one ratio of tax incentive types.

TJN's proposal to stop the epidemic of corporate tax avoidance — The Unitary Tax Approach



Further information:

maimouna@taxjustice.net

https://www.corporatetaxhavenindex.org/

https://www.financialsecrecyindex.com/

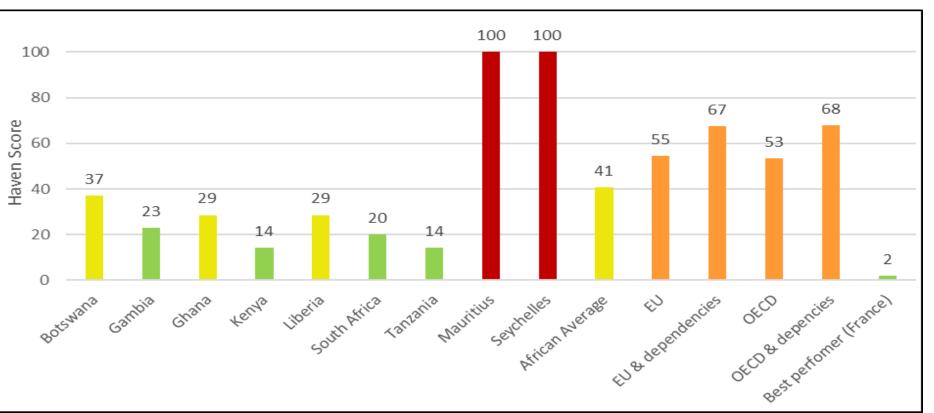
https://www.taxjustice.net/

Analysis of the Results by Category of Indicators (Focus on Africa)



Lowest Available Corporate Income Tax (LACIT)

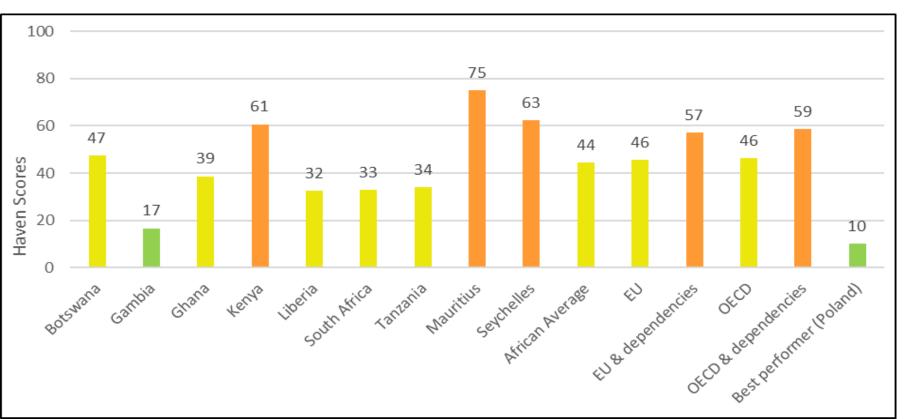
The indicator measures the lowest available corporate income tax rate (LACIT) for any large for-profit company that is tax resident in the political subdivision or subnational authority with the lowest Corporate Income Tax (CIT) rate, and which can be a subsidiary of a multinational corporation.





Loopholes and Gaps

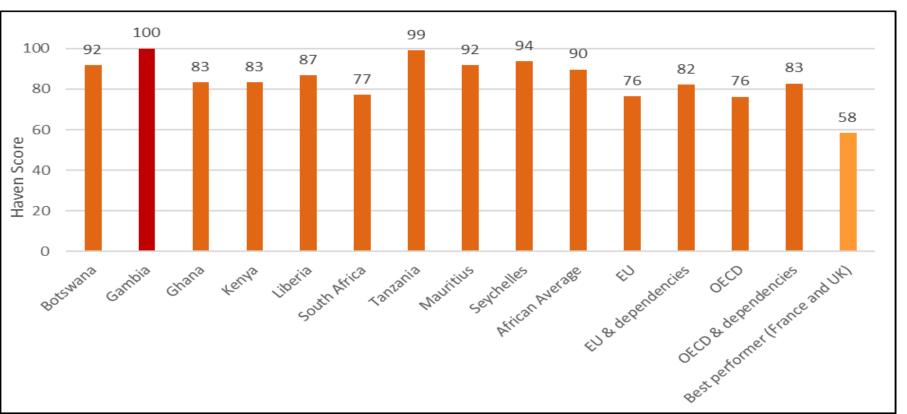
This category of indicators analyses whether preferential tax regimes are available, or if there are important carve outs of the CIT base or rate concessions, including for specific sectors, or through tax holidays or economic zones.





Transparency

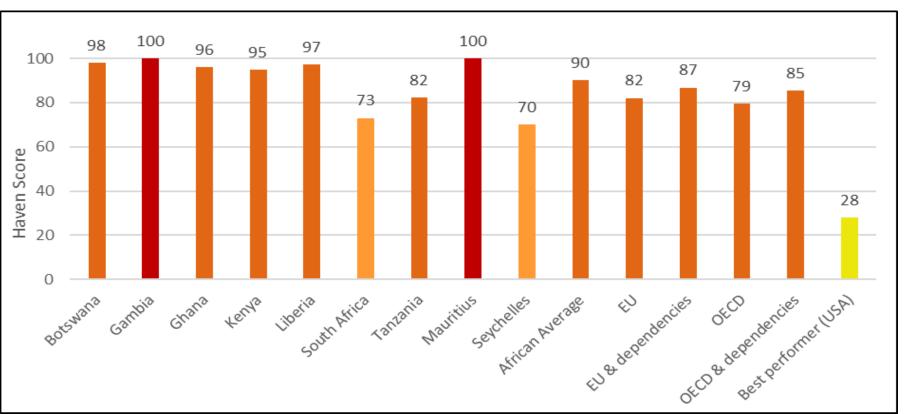
This category of indicators considers if the jurisdiction implements robust transparency mechanisms to allow not only for public accountability of multinational companies' financial and tax affairs, but also of tax administrations and tax courts.





Anti-Avoidance

This category of indicators analyses the extent to which jurisdictions enact robust rules constraining tax avoidance and profit shifting, e.g. by CFC rules or constraining the deductibility of intra-group outward payments (royalties, interest, certain service payments).





Double Tax Treaty Aggressiveness

This indicator analyses the aggressiveness of a jurisdiction in their double tax agreements with other countries, as revealed by the withholding tax rates that apply to the payment of dividends, interests or royalties.

