

ROYAL NORWEGIAN EMBASSY



Formatted: Heading 4, None, Space After: 0 pt, Pattern: Clear

Tanzania as a future petro-state: prospects and challenges

Summary: *The overall objective of the programme is to enhance the empirical understanding of key prospects and challenges facing Tanzania as a new petro-state, and to provide contextualised and evidence based policy analysis in order to contribute to avoiding a resource curse situation. A major motivation for the programme is to facilitate and promote informed policy dialogue and debate in Tanzania on petroleum sector governance. To achieve this, the programme aims to: (a) improve the extent and quality of research that can contribute to more informed policy making and public debate in Tanzania, particularly on issues related to natural resource management for inclusive growth; (b) disseminate this research and knowledge to key decision makers and the general public; and (c) build research capacity in Tanzania. This five-year (2014-19) institutional collaborative programme for research, capacity building, and policy dialogue is jointly implemented by REPOA and CMI, in collaboration with the National Bureau of Statistics. The programme is funded by the Norwegian Embassy, Dar es Salaam.*

Programme Team:

Programme Directors: Odd-Helge Fjeldstad (CMI) & Blandina Kilama (REPOA)

Component 1: Blandina Kilama (REPOA), Jan Isaksen (CMI), Fred Matola (NBS), Lulu Olan'g (REPOA)

Component 2: Abel Kinyondo (REPOA), Siri Lange (CMI), Sufian Bukurura (Legal Reform Commission/REPOA)

Component 3: Odd-Helge Fjeldstad (CMI), Donald Mmari (REPOA), Alexander Cappelen (NHH), Cornel Jahari (REPOA), Vegard Kolnes (CMI), Lulu Olan'g (REPOA), Ingrid Hoem Sjørusen (NHH/CMI), Ragnar Torvik (NTNU/CMI), Bertil Tungodden (NHH/CMI)

Component 4: Abel Kinyondo (REPOA), Espen Villanger (CMI), Lars Ivar Oppedal Berge (NHH/CMI), Sosina Bezu (CMI)

Component 5: Kendra Dupuy (CMI), Lucas Katera (REPOA), Cornel Jahari (REPOA), Jesper Johnsen (CMI), Lars Ivar Oppedal Berge (NHH/CMI), Jamal Msami (REPOA), Lise Rakner (UiB/CMI), Vincent Somville (CMI)

Students:

Japhace Poncian: PhD-candidate (Politics), Newcastle Business School, University of Newcastle, Australia. Engaged by REPOA as PhD-research in the programme (2016-18).

Lewis Quigley: MDP Candidate 2017 - Trinity College Dublin/ University College Dublin

Benjamin Engebretsen: Master student, Department of Economics, Norwegian School of Economics and Business Administration (NHH)

Andreas Stølan: Master student, Department of Economics, Norwegian School of Economics and Business Administration (NHH)

Bryan Lee: Master student, University College Dublin, School of Politics and International Relations. Based at REPOA in 2015 (has submitted thesis and is currently employed at Strategic Energy Innovations, USA)

Support staff:

Communication: Joyce Bayona (REPOA), Åse Roti Dahl (CMI), Ingvild Hestad (CMI), Maria Njau (part time CMI 2015; part time REPOA 2016)

IT: Jofrey Amanysisye (REPOA), Aksel Mjeldheim (CMI), Robert Sjursen (CMI)

Administration and Finance: Vigdis Gåskjenn (CMI), Tineke Lohne (CMI), Alison Mutembei (REPOA)

Timeframe: July 2014 - July 2019

Funder: Royal Norwegian Embassy, Dar es Salaam

Table of Contents

Publications (peer reviewed).....	3
Other publications (working papers, policy briefs).....	3
Publications in progress	4
Presentations at conferences, seminars and workshops	5
Organisation of workshops, seminars and conference panels.....	9
Capacity development and training.....	10
Interviews and citations in the media & other forums	11
Tweets and social media	14

ACTIVITY REPORT (per 16 January 2017)

Publications (peer reviewed)

Component 2:

1. Lange, S. and Kinyondo, A. 2016. Resource nationalism and local content in Tanzania: Experiences from mining and consequences for the petroleum sector. *The Extractive Industries and Society*, Vol 3, pp. 1095-1104.

Components 3 and 5 (joint):

2. Fjeldstad, Odd-Helge and Johnsen, Jesper. 2017. Governance challenges in Tanzania's natural gas sector: unregulated lobbyism and uncoordinated policy. Chapter 3 (pp. 44-57) in Aled Williams and Philippe le Billon (eds.) *Corruption, natural resources and development: from resource curse to political ecology*. Edward Elgar Publishing. <http://www.e-elgar.com/shop/corruption-natural-resources-and-development>

Component 4:

3. Espen Villanger and Abel Kinyondo. 2017. Local content requirements in the petroleum sector in Tanzania: A thorny road from inception to implementation? Accepted for publishing in *The Extractive Industries and Society* (in press).

Other publications (working papers, policy briefs, op-eds)

Component 2:

1. Lange, S. and Kinyondo, A. 2016. Local content in the Tanzanian mining sector. *CMI Brief 3*: 2016. Bergen: Chr. Michelsen Institute. <http://www.cmi.no/publications/file/5784-local-content-in-the-tanzanian-mining-sector.pdf>

Component 3:

2. Odd-Helge Fjeldstad. 2016. Skyhøye forventninger til gasseventyr [Sky high expectations to gas adventure]. Op-ed in *Bergens Tidende* (Norwegian daily newspaper), 15 Nov 2016 <http://www.bt.no/btmeninger/debatt/Skyhoye-forventninger-til-gasseventyr-325844b.html>
3. Torvik, R. 2016a. Should Tanzania establish a SWF? *CMI Working Paper 4-2016 & REPOA Working Paper 16/1*. Bergen/Dar es Salaam (July). <http://www.cmi.no/publications/5881-should-tanzania-establish-a-sovereign-wealth-fund>
4. Torvik, R. 2016b. Petroleum fund in Tanzania? Other alternatives may be better. *CMI Brief 10*: 2016 & *REPOA Brief 40*. Bergen/Dar es Salaam (July). <http://www.cmi.no/publications/5885-petroleum-fund-in-tanzania>
5. Cappelen, A., Fjeldstad, O.-H., Jahari, C., Mmari, D., Sjursen, I.H. and Tungodden, B. 2016. Not so great expectations: Gas revenue, corruption and willingness to pay tax in Tanzania. *CMI Brief 4*: 2016. Bergen: Chr. Michelsen Institute. <http://www.cmi.no/publications/file/5785-not-so-great-expectations-gas-revenue.pdf>
6. Fjeldstad, O.-H. 2016. What have we learned about tax compliance in Africa? *ICTD Summary Brief 5* (May). Brighton: International Centre for Tax and Development (the

summary brief refers to the survey-experiment conducted as part of Component 3 in 2015). <http://www.ictd.ac/publication/7-policy-briefing/115-ictd-summary-brief-5-what-have-we-learned-about-tax-compliance-in-africa>

7. Fjeldstad, O.-H., Jahari, C. Mmari, D. and Sjursen, I.H. 2015. Non-resource taxation in a resource rich setting: A broader tax base will enhance tax compliance in Tanzania. *CMI Brief* 2015: 8 (December). Bergen/Dar es Salaam: Chr. Michelsen Institute/REPOA. <http://www.cmi.no/publications/file/5697-non-resource-taxation-in-a-resource-rich-setting.pdf>

Component 4:

8. Kinyondo, A. and Villanger, E. 2016. Local content requirements in the petroleum sector in Tanzania: A thorny road from inception to implementation? *CMI Working Paper* WP 6: 2016 & *REPOA Working Paper* 16/4 (August). Submitted to *Extractive Industries and Society* for review (30 August 2016). <http://www.cmi.no/publications/file/5925-local-content-requirements-in-the-petroleum-sector.pdf>
9. Villanger, E., Kinyondo, A. and Hestad, I. 2016. Lack of consultation. Stakeholders' perspectives on local content requirements in the petroleum sector in Tanzania. *CMI Brief* 15-2016 & *REPOA Brief* 49. Bergen/Dar es Salaam: Chr. Michelsen Institute/REPOA. <https://www.cmi.no/publications/file/5980-lack-of-consultation.pdf>

Component 5:

10. Lee, B. and Dupuy, K. 2016. Understanding the lay of the land: An institutional analysis of petro-governance in Tanzania. *CMI Working Paper* WP 12: 2016 & *REPOA Working Paper* 16/5 (forthcoming end December). Submitted to *Journal of Energy and Natural Resource Law* for review.
11. Lee, B. and Dupuy, K. 2016. Understanding the lay of the land: mapping petro-governance institutions in Tanzania . *CMI Brief* 14: 2016 / *REPOA Brief* No. 48 (October).

Publications in progress

Component 1:

1. Isaksen, J., Kilama, B., and Matola, F. 2016a. Policy making in the Tanzanian petrostate: Building a statistical basis. *Background Paper* (draft December).
2. Isaksen, J., Kilama, B., and Matola, F. Tanzania - a Petrostate. The Facts. *Working Paper* (pending).

Component 2:

3. Bukurura, S. 2016. Commercialisation of natural gas in Tanzania: Are there any lessons from the Songo Songo Gas to Power Project? (pending).

Component 3:

4. Cappelen, A., Fjeldstad, O.-H., Mmari, D., Sjursen, I.H. and Tungodden, B. 2017. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. *Working Paper* (forthcoming February).
5. Cappelen, A., Fjeldstad, O.-H., Mmari, D., Sjursen, I.H. and Tungodden, B. 2017. Trust and honesty in development: Behavioral results from Tanzania. *Working Paper* (forthcoming February).
6. Mmari, D., Olan'g, L. and Fjeldstad, O.-H. 2017. Intra-governmental fiscal relations on revenue collection in the petro-sector. *Brief* (forthcoming February)

Component 5:

7. Produce an OP-ED in newspaper (pending).

Presentations at conferences, seminars and workshops

Component 1:

1. Blandina Kilama. 2016. Policy making in the Tanzanian petro state: Building a statistical basis. Presented at *REPOA's 21st ARW*, Dar es Salaam, 7 April 2016.
2. Blandina Kilama. 2015. Understanding Economic Transformation. Presented at *ODI's Supporting Economic Transformation (SET) Programme Event*, Dar es Salaam, 23 September 2015.
3. Jan Isaksen. 2015. Development of statistics for policy in Tanzania. Presented at *REPOA's 20th ARW*, Dar es Salaam, 26 April 2015.
4. Blandina Kilama. 2015. Launching of the website for the collaborative research on Tanzania as a future petro-state. Presented at *REPOA's 20th ARW*, Dar es Salaam 26 April 2015.
5. Blandina Kilama 2015. Launch of the Tanzania Petro Data Hub, a framework for a database for public information and collaborative research. Presented at *REPOA's 20th ARW*, Dar es Salaam 26 April 2015.

Component 2:

6. Siri Lange. 2016. What happened to local content in the Tanzanian mining sector? Presentation at *REPOA's 21st ARW*, Dar es Salaam, 7 April 2016.
7. Abel Kinyondo and Siri Lange. 2015. Local content in the mining sector of Tanzania. Presentation at *REPOA's 20th ARW*, Dar es Salaam 26 April 2015.

8. Sufian Bukurura. 2015. Commercialisation of natural gas in Tanzania: Are there any lessons from the Songo Songo Gas to Power Project? Presentation of draft paper at *REPOA's 20th ARW*, Dar es Salaam 26 April 2015.

Component 3:

9. Ingrid Hoem Sjursten. 2017. Accountability and taxation: Experimental evidence. Presentation in *The Choice Lab Extended Lunch Seminar Series*, Department of Economics, Norwegian School of Economics, Bergen, Norway, 5 January 2017.
10. Odd-Helge Fjeldstad. 2016. Lobbying and policy change: The role of interest groups in shaping petro- and tax policies in Tanzania. Presentation at the conference *Lifting the veil of secrecy: tax havens, capital flight and developing countries*, Organised by CMI, NHH and TJN-N. Bergen, 21-22-November 2016. <https://www.cmi.no/events/1723-lifting-the-veil-of-secrecy-tax-havens>
11. Ragnar Torvik. 2016. Optimal monetary policy for oil exporting countries. Presented at *CMI Research Seminar* (Natural Resource Cluster), Bergen, 7 October 2016.
12. Donald Mmari and Sufian Bukurura. 2016. Strategic positioning of a NOC in the context of the new regulatory and the operating environment. Presentation at workshop organised by *Tanzania Petroleum Development Corporation (TPDC) and REPOA*, Hyatt Kilimanjaro Hotel, Dar es Salaam, 28 September 2016. <http://www.tanpetstate.org/2016/09/30/strategic-positioning-of-a-noc-in-the-context-of-the-new-regulatory-and-the-operating-environment/>
13. Odd-Helge Fjeldstad. 2016. Shaping public policies in poorly regulated natural resource rich countries: Lobbying games by domestic and foreign companies in Tanzania. Presentation at the *Development Studies Association (DSA) 2016 conference*, Oxford University. Oxford, 12-14 September 2016. <http://www.nomadit.co.uk/dsa/dsa2016/>
14. Ingrid H. Sjursten. 2016. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. Presentation at the *Development Studies Association (DSA) 2016 conference*, Oxford University. Oxford, 12-14 September 2016. <http://www.nomadit.co.uk/dsa/dsa2016/>
15. Ingrid H. Sjursten. 2016. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. Presented at the *TrAcRevenues Workshop: Transparency and Accountability in Managing High-Value Natural Resources*. Department of Geography, Norwegian University of Science and Technology (NTNU), Trondheim, 25 August 2016.
16. Odd-Helge Fjeldstad. 2016. Tanzania as a future petro-state: Motivation, objectives and preliminary findings. *TrAcRevenues Workshop: Transparency and Accountability in Managing High-Value Natural Resources*. Department of Geography, Norwegian University of Science and Technology (NTNU), Trondheim, 24 August 2016.
17. Ingrid H. Sjursten. 2016. Trust and honesty in development: Behavioral evidence from Tanzania. Paper presented at *Nordic Conference in Development Economics*, ESOP, University of Oslo, Norway, 13 June 2016.
18. Ragnar Torvik. 2016. China and petroleum prices: Implications for “new” petroleum producers. Paper presented at *NRGI-seminar*, Dar es Salaam, 8 April 2016.

19. Ragnar Torvik. 2016. Should Tanzania establish a sovereign wealth fund? Paper presented at *REPOA's 21st ARW*, Dar es Salaam, 7 April 2016.
20. Odd-Helge Fjeldstad and Ingrid Hoem Sjursen. 2016. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. Paper presented at *REPOA's 21st ARW*, Dar es Salaam, 7 April 2016.
21. Ingrid H. Sjursen. 2016. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. Paper presented at the *CSAE Conference on Economic Development in Africa* (22-23 March 2016). Oxford University.
22. Odd-Helge Fjeldstad and Ingrid Hoem Sjursen. 2016. Tax and development. Presentation of key issues, design of and findings from the survey experiment 'Managing expectations' in Tanzania. Presented at seminar organised by the *Economic Student Association*, University of Bergen, 2 March 2016.
23. Ragnar Torvik. 2015. The US, China, and petroleum prices: Implications for “new” petroleum producers. Presented at *CMI research seminar*, Bergen, 30 September 2015.
24. Odd-Helge Fjeldstad and Jesper Johnsen. 2015. Lobbyism in developing countries: Case studies from Tanzania. Presented at the *33rd Cambridge International Symposium on Economic Crime*. Jesus College, University of Cambridge. 8 September 2015 (joint with Component 5).
25. Ragnar Torvik. 2015. Pension funds and institutions. Seminar on SWFs with special reference to Tanzania. *CMI research seminar*, Bergen. 27-28 May 2015.
26. Odd-Helge Fjeldstad. 2015. Taxation, exemptions and lobbying in Tanzania. Presented at *DIIS seminar*. Copenhagen, 11 June 2015.
27. Donald Mmari and Odd-Helge Fjeldstad. 2015. Mapping the petroleum revenue system in Tanzania. Preliminary draft paper presented at *REPOA's 20th ARW*, Dar es Salaam, 25-26 March 2015.
28. Odd-Helge Fjeldstad, Donald Mmari and Ingrid Hoem Sjursen. 2015. Managing the resource curse: A survey experiment on expectations about gas revenues in Tanzania. Preliminary draft paper presented at the *1st Annual Congress of the African Tax Research Network* in Cape Town, 2-4 September 2014.

Component 4:

29. Abel Kinyondo and Espen Villanger. 2016. Local content requirements in Tanzania: A thorny road from inception to implementation. Draft paper presented at *REPOA's 21st ARW*, Dar es Salaam, 6 April 2016.
30. Abel Kinyondo and Espen Villanger. 2015. The development of the local content policy in Tanzania: Blue print or home grown? Presentation at *REPOA's 20th ARW*, Dar es Salaam, 26 March 2015.
31. Jan Isaksen. 2015. The options of National Content for enhancing local benefits. Presented at the *Second Nordic – Mozambique Conference on Inclusive Growth*, Maputo, 15 October 2015.

Component 5:

32. Kendra Dupuy. 2016. The global participation backlash: Implications for multistakeholder natural resource governance initiatives. Presented at the *TrAcRevenues Workshop: Transparency and Accountability in Managing High-Value Natural Resources*. Department of Geography, Norwegian University of Science and Technology (NTNU), Trondheim, 24 August 2016.
33. Kendra Dupuy. 2016. Mapping regulatory structures for the petroleum and natural gas industry in Tanzania. Draft paper presented at *REPOA's 21st ARW*, Dar es Salaam, 7 April 2016.
34. Odd-Helge Fjeldstad and Jesper Johnsen. 2015. Lobbyism in developing countries: Case studies from Tanzania. Draft paper presented at the *33rd Cambridge International Symposium on Economic Crime*. Jesus College, University of Cambridge. 8 September 2015 (joint with Component 3).
35. Lucas Katera and Jesper Johnsen. 2015. Public expectations to gas revenue and trust in governance institutions in Tanzania. Presentation at *REPOA's 20th ARW*, Dar es Salaam, 26 March 2015.

Not categorised by component:

36. Fjeldstad, O.-H. 2016. Tanzania as a future petro-state. Presentation of the programme and some findings. *TrAcRevenues Workshop: Transparency and Accountability in Managing High-Value Natural Resources*. Department of Geography, Norwegian University of Science and Technology (NTNU), Trondheim, 24 August 2016.
37. Fjeldstad, O.-H. and Sjursen, I. H. 2016. Tanzania as a future petro-state. Presentation of the programme and some findings for delegation from Bergen University College. Chr. Michelsen Institute, Bergen, 16 June 2016.
38. Torvik, R. 2016. The political agenda effects and state centralization. Draft paper (co-authored with Daron Acemoglu and James Robinson) presented at *Natural Resource Cluster Seminar*, CMI, Bergen, 4 May 2016.
39. Fjeldstad, O.-H. 2016. Tanzania as a future petro-state: Prospects and challenges. Presentation of the petro-state programme and findings at seminar organized by the *Tanzania Tax Justice Coalition* and *Policy Forum*, Dar es Salaam, 11 April 2016.
40. Mmari, D. and Bukurura, S. 2015. Strategic significance of national oil companies: Lessons for Tanzania. Presentation at *REPOA's 20th ARW*, Dar es Salaam 25 April 2015.
41. Torvik, R. 2015. Harnessing natural resources for socioeconomic transformation. Key note speech at *REPOA's 20th ARW*, Dar es Salaam 25 April 2015.
42. Fjeldstad, O.-H., Johnsen, J. and Lange, S. 2015. Tanzania as a future petro-state. Presentation of the programme for *Statoil* (team led by Country Director Øystein Michelsen). Bergen, CMI, August 7, 2015.
43. Fjeldstad, O.-H. 2015. Participated (by invitation) at the "2015 Natural Resource Governance Institute Conference. University of Oxford. June 25 – 26, 2015.
44. Fjeldstad, O.-H. 2015. Presentation of the petro-state programme for the *Norwegian Oil for Development Programme* (led by Director Petter Stigset). Bergen, CMI, June 3.

45. Fjeldstad, O.-H. and Mmari, D. 2015. Presentation of the petro-programme for the *Norwegian Parliamentary Committee on Energy and Environment*, Dar es Salaam, February 2015.
46. Fjeldstad, O.-H., Mmari, D. and Matola, F. 2014. Tanzania as a future petro-state: Prospects and challenges. Presentation of the petro-state programme at inception seminar, Hyatt Hotel, Dar es Salaam, 24 October (200 participants from key ministries (MoF, MEM, President's Office etc), TRA, TPDC, BoT, regional and municipal administrations, Parliamentarians, TEITI, oil and mining companies, Tanzanian companies, NGOs, research institutions (UDSM, Mzumbe Univ, REPOA, Uongozi, ESRF), embassies, IFIs, consultants, media, etc.).
47. Fjeldstad, O.-H. 2014. Taxation and tax administration in countries with abundant natural resources: comparing Norway and Angola. Presentation for *MEFMI-delegation visiting Norway*, Bergen, 20 October. The delegation of senior Zimbabwean Government officials, including the CG of ZIMRA, visited Norway to study the management of financial resources from natural resources. The delegation was led by MEFMI Executive Director Dr Caleb Fundanga. <http://mefmi.org/>
48. Fjeldstad, O.-H. 2014. Tanzania as a future petro-state: Prospects and challenges. Presentation of the new programme for the CMI Board, Bergen, 2 October.

Organisation of workshops, seminars and conference panels

1. *Lifting the veil of secrecy: tax havens, capital flight and developing countries.* International conference organised by CMI (Odd-Helge Fjeldstad), NHH (Guttorm Schjelderup) and TJN-N (Sigrid K. Jacobsen). Bergen, 21-22-November 2016. Paper presentation by Odd-Helge Fjeldstad; two panels chaired by Donald Mmari (REPOA) and Lise Rakner (UoB/CMI), respectively. <https://www.cmi.no/events/1723-lifting-the-veil-of-secrecy-tax-havens>
2. *Media training workshop on economic development and natural resource management.* Organised by REPOA (Blandina Kilama, Abel Kinyondo and Lulu Olan'g) for Tanzanian journalists. The training was attended by 27 participants. The training aimed to stimulate an interest among journalists on effective media reporting on development issues. The specific objectives of the training were: (a) enhance skills for interpretation of research findings; and (b) create a pool of journalists and editors, writing regularly analytical pieces about economic growth and on issues around natural resources, with a focus on oil and gas. One of the topics covered was *Local Content Policies and the involvement of citizen in the country's Oil and Gas Industry: The case of Tanzania*. Mayfair Hotel, Dar es Salaam, 17-18 November 2016.
3. The new politics of development in Africa - extractive industries, global wealth chains and taxation. 2016. Panel organised by Morten Bøås (NUPI) and Odd-Helge Fjeldstad (CMI) at the *Development Studies Association (DSA) 2016 conference*, Oxford University, 12-14 September 2016. <http://www.nomadit.co.uk/dsa/dsa2016/>
4. Lobbyism in developing countries: Case studies from Tanzania. Parallel Plenary Workshop organised by Odd-Helge Fjeldstad and Jesper Johnsen *The 33rd Cambridge International Symposium on Economic Crime*. Jesus College, University of Cambridge. 8 September 2015. <http://www.crimesymposium.org/PDFfiles/2015%20Programme.pdf>

5. The role of institutions in capital flight, lobbying and tax evasion. Parallel Plenary Workshop XXVI organised by Odd-Helge Fjeldstad and Jesper Johnsen. *Thirty-second International Symposium on Economic Crime, Jesus College, University of Cambridge*, Saturday 6 September 2014.

<http://www.crimesymposium.org/PDFfiles/2014%20Programme.pdf>

Capacity development and training

Component 1:

1. Course in statistical and econometric methods relevant for the objectives of the programme. Under preparation, Dar es Salaam, REPOA (pending).
2. Learning tour on challenges of statistics for policy making (pending)

Component 3:

3. Donald Mmari attended a two-week training course on “Reversing the resource curse: Theory and practice”. Budapest, April 2016.
4. Master student recruited from University of Pretoria. Title of thesis: “A critical review and analysis of policies and legislations relating to fiscal incentives for offshore gas exploration and exploitation in Tanzania”. Supervised by Odd-H. Fjeldstad. 2015-16.
5. New survey technology, including the use of tablets, introduced to REPOA’s survey-unit. May-August 2015.
6. Training of 12 enumerators and team supervisors at REPOA (Field ethics, survey methods, use of tablets, training in Qualtrics). May-June 2015.

Component 4:

7. Recruit one master student in 2016 (pending)
8. Train enumerators in interview techniques and quantitative analysis at REPOA. 2016 (pending)

Component 5:

9. Recruitment of master students: CMI has engaged two master students from the Norwegian School of Economics (NHH) to write their thesis as part of component 5. August – Dec 2016. They were based at REPOA from end Sept. until mid-Oct. 2016, and will defend their thesis in February 2017.

Not-connected to specific components:

10. *Media training workshop on economic development and natural resource management*. Organised by REPOA (Blandina Kilama, Abel Kinyondo and Lulu Olan’g). The training was designed to stimulate an interest among Tanzanian journalists on effective media reporting on development issues. The specific objectives of the training were: (a) enhance

skills for interpretation of research findings; and (b) create a pool of journalists and editors, writing regularly analytical pieces about economic growth and on issues around natural resources, with a focus on oil and gas. One of the topics covered was *Local Content Policies and the involvement of citizen in the country's Oil and Gas Industry: The case of Tanzania*. The training was attended by 27 participants, including members of the Tanzania Tax Writers Network (Tawanet) and media houses such as ITV, TBC, Star TV, CAPITAL TV, EA TV, Clouds TV, Radio One, Clouds FM, EA RADIO, BBC, Business Times, The Guardian, Daily News, Citizen, E FM, Habari Leo, Mwananchi, Nipashe and Tanzania Daima. The majority of the participants were senior journalists and editors. Mayfair Hotel, Dar es Salaam, 17-18 November 2017.

11. One of the topic covered was "Local content policies and the involvement of citizen in the country's oil and gas industry: the case of Tanzania." REPOA, Dar es Salaam, 7 November and 18 November 2016.
12. Lulu Silas Olan'g. Engaged as researcher at REPOA, October 2016-2019. Lulu has an MSc. in Petroleum, Energy Economics and Finance (with Commendation), from the University of Aberdeen-UK (2015).
13. Maria Njau (MA social anthropology) engaged as communication assistant in connection with REPOA's 21st ARW, April 2016.
14. Prof. Ragnar Torvik (NTNU) engaged as CMI associate researcher (10%), 2015-2019.
15. Maria Njau (MA social anthropology) engaged as research assistant at CMI (20%), last quarter of 2015.

Comment [JB1]: Odd – do we need this statement here ?it is repeated already in no.

Interviews and citations in the media & other forums

2016:

1. **MTANZANIA, Tanzania (Tuesday 6 Dec 2016):** "NCHI MASKINI ZINAPOKUWA WAFADHILI WA NCHI TAJIRI." ["When poor countries become donors to rich countries"]. Article in the Swahili newspaper by Justin Damian about the IFF-conference in Bergen 21-22 Nov 2016. Justin is a Tanzanian journalist who participated at the conference. <http://mtanzania.co.tz/?p=25684>
2. **Tumaini letu Newspaper (25 November 2016):** REPOA: Uchumi wa Nchi hautakuzwa na gas pekee. http://www.repoa.or.tz/documents/Tumaini_Letu_newspaper.pdf
3. **Raia Mwema Newspaper (24 November 2016):** Sekta ya mafuta, gesi si mkombozi kwa Watanania? – Wataalamu. <http://www.tanzaniatoday.co.tz/news/sekta-ya-mafuta-gesi-si-mkombozi-kwa-watanania-wataalamu>
4. **The Guardian /IPP Media Tanzania (23 November 2016):** REPOA: Use oil gas to transform our economy. <http://www.ippmedia.com/en/news/repoa-use-oil-gas-transform-our-economy>

15. **Bistandsaktuelt (20 April 2016):** "Norge må granske skatteavtaler med bistandsland" ["Norway should investigate tax treaties with developing countries"]. Interview with Odd-Helge Fjeldstad. <http://www.bistandsaktuelt.no/nyheter/2016/professor-fjeldstad-om-skatteavtaler/>
16. **The Citizen (14th April 2016):** "What Dar needs to do to attain middle income status by 2025." Article referring to findings of research by the Petro-programme presented at REPOA's ARW 2016. <http://www.thecitizen.co.tz/magazine/businessweek/-/1843772/3158844/-/h2342/-/index.html>
17. **TanPetState website (14th April 2016):** "Main challenges for Tanzania entering the petro-age." Article by Maria Njau. <http://www.tanpetstate.org/2016/04/14/main-challenges-for-tanzania-entering-the-petro-age/>
18. **The Guardian/IPP Media Tanzania (5th April 2016):** "REPOA calls on govt to implement effective tax system." Interview with Donald Mmari where he refers to findings from the survey conducted in 2015 by the programme (Component 3). <http://www.ippmedia.com/news/repoa-calls-govt-implement-effective-tax-system>
19. **Daily News (11 January 2016):** "Road towards LNG made clearer." Article referring to study by REPOA and the Centre for global Development showing that most Tanzanians support both publishing all gas contracts and a role for international oversight of how the government uses gas revenues. <http://dailynews.co.tz/index.php/analysis/45898-road-towards-lng-made-clearer>

2015:

20. **East African Business Week (Sunday, April 19th 2015):** Tanzania district leaders given talk on gas
21. **Daily News Reporter (28th March 2015):** Researchers push for inclusive local content policy for gas, oil –
22. **Sunday News (March 22 2015):** Dar to host meeting on resource harnessing –

2014:

23. **City Television (3 November 2014):** The Monday Agenda Show by Frank Morandi. 30 minutes TV-interview with Donald Mmari and Odd-Helge Fjeldstad on Tanzania as a future petro-state. Dar es Salaam. The video can be downloaded from: [REPOA Mondays](#)
24. **Daily News (20 October 2014):** Tanzania: Study to Put Dar On Right Track for Gas Economy. <http://allafrica.com/stories/201410201472.html>
25. **Business Times (31 October 2014):** Tanzania as an oil and gas economy. Dar es Salaam. http://www.businesstimes.co.tz/index.php?option=com_content&view=article&id=4122:tanzania-as-an-oil-and-gas-economy&catid=1:latest-news&Itemid=57

26. **UDADISI Rethinking in Action (Blog, 29 October 2014):** Oiling our Economy the Norway Way. Dar es Salaam. <http://udadisi.blogspot.no/2014/10/oiling-our-economy-norway-way.html?m=1>
27. **The Guardian (28 October 2014).** REPOA to conduct 5-year research on prospects of country's economy. Dar es Salaam. <http://www.ippmedia.com/frontend/?l=73630>
28. **Policy-Forum (28 October 2014):** Research Programme: Tanzania as a future Petro-State: Prospects and Challenges. Internet article on the programme, citing REPOA and its collaboration with CMI. <http://www.policyforum-tz.org/research-programme-tanzania-future-petro-state-prospects-and-challenges>
29. **Daily News Mobile Edition (27 Oct 2014):** Seminar for regional utilisation of respective gas advantages. Dar es Salaam. <http://m.dailynews.co.tz/index.php/local-news/37591-seminar-for-regional-utilisation-of-respective-gas-advantages>
30. **Daily News (20 Oct 2014):** Study to put Dar on right track for gas economy. Article referring to the new research programme on Tanzania as a future petro-state. Dar es Salaam. <http://www.dailynews.co.tz/index.php/local-news/37305-study-to-put-dar-on-right-track-for-gas-economy>

Tweets and social media

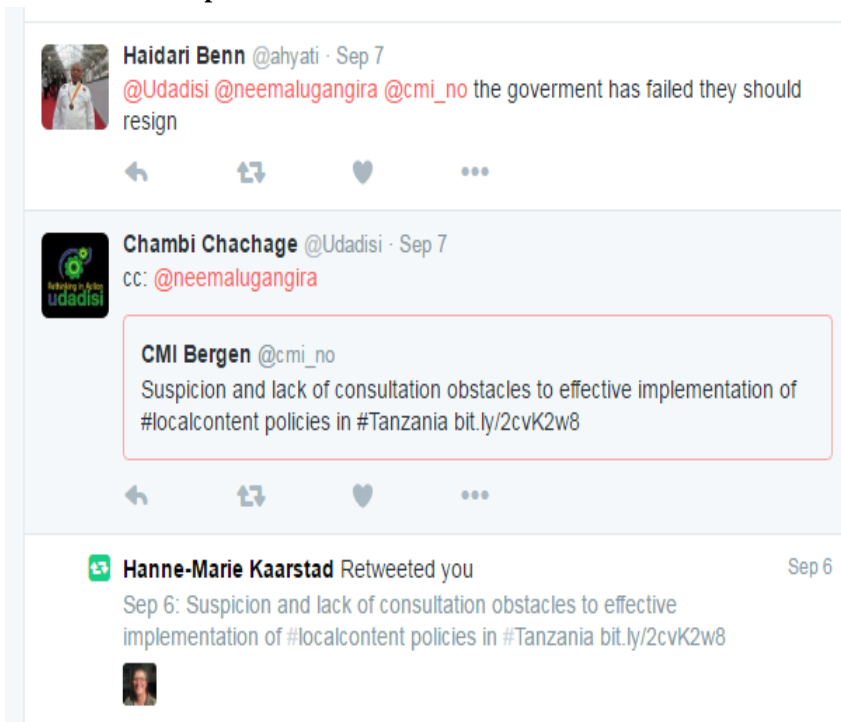
The use of social media is an important part of the programme's communication strategy. We have decided to put our efforts into Facebook and Twitter, with a special focus on Twitter. CMI currently has 1502 followers on twitter. REPOA has 3280. The numbers are increasing steadily.

Experiences from other projects as well as mapping of Twitter users interested in the field of natural resources in Tanzania show that Twitter is one of the most useful arenas for research communication and participating in the public debate on Tanzania as a future petro state.

The communication units at CMI and REPOA works closely with the programme's Twitter users, and we aim to get all the researchers tweeting within the next six months. The majority of the involved researchers already have Twitter accounts, but do not actively use them. We are currently preparing a Twitter course for the programme's researchers. We aim to give a joint CMI-REPOA course in Dar es Salaam, and will distribute written course material (a step-by-step guide) to all researchers involved in the programme.

So far, we see that Tweets from CMI's and REPOA's institutional Twitter accounts, and our researchers personal Twitter accounts receive attention from relevant actors, and that our Tweets spur debate. Active Twitter use increases our visibility in the petro landscape.

Here follows some examples:




The screenshot shows a Twitter thread with three tweets. The first tweet is from Haidari Benn (@ahyati) dated Sep 7, mentioning @Udadisi, @neemalugangira, and @cmi_no, stating that the government has failed and should resign. The second tweet is from Chambi Chachage (@Udadisi) dated Sep 7, mentioning @neemalugangira and quoting CMI Bergen (@cmi_no) about obstacles to local content policies in Tanzania. The third tweet is a retweet by Hanne-Marie Kaarstad dated Sep 6, repeating the text of the second tweet.

Haidari Benn @ahyati · Sep 7
@Udadisi @neemalugangira @cmi_no the government has failed they should resign


Chambi Chachage @Udadisi · Sep 7
cc: @neemalugangira
CMI Bergen @cmi_no
Suspicion and lack of consultation obstacles to effective implementation of #localcontent policies in #Tanzania bit.ly/2cvK2w8

Hanne-Marie Kaarstad Retweeted you Sep 6
Sep 6: Suspicion and lack of consultation obstacles to effective implementation of #localcontent policies in #Tanzania bit.ly/2cvK2w8

 **Rutaraka Ate** Retweeted a Tweet you were mentioned in Jul 21


Jul 20: @ThabitSenior @cmi_no @REPOA @neemalugangira @policy_F Any chance you can swing by Friday? Would be great to meet you!




 **Rutaraka Ate** and 7 others Retweeted a Tweet you were mentioned in Jul 21

Jul 20: The #Tanzania #LocalContent Forum starts Thursday in Dar; see @cmi_no brief on #mining LC buff.ly/29M5fkM pic.twitter.com/01FDC2qmhk



















 **Little Miss Sunshine** and **Mining Shared Value** followed you Jul 21



 **Policy Forum** and **AnimusSustainability** liked a Tweet you were mentioned in Jul 21

Jul 20: The #Tanzania #LocalContent Forum starts Thursday in Dar; see @cmi_no brief on #mining LC buff.ly/29M5fkM pic.twitter.com/01FDC2qmhk



 ruri_kibz Retweeted you Jul 8: Shaping the tax agenda: Public engagement, lobbying and #taxreform in #Tanzania bit.ly/29IZhGZ 	Jul 8
 Tanzania Retweet Retweeted you Jul 8: Shaping the tax agenda: Public engagement, lobbying and #taxreform in #Tanzania bit.ly/29IZhGZ 	Jul 8
 Dipty Rahman and 6 others followed you 	Jul 7
 Charles Young liked your Retweet Jun 29: Governance challenges in Tanzania's natural gas sector: Unregulated lobbyism and uncoordinated policy cmi.no/publications/5... @cmi_no 	Jul 5
 Tanzania-Network.de Retweeted a Tweet you were mentioned in Jun 29: Governance challenges in Tanzania's natural gas sector: Unregulated lobbyism and uncoordinated policy cmi.no/publications/5... @cmi_no 	Jul 5
 Elgar Publishing, Elsie Eyakuze and Valentin Ngorisa followed you 	Jul 4
 Elgar Publishing liked a Tweet you were mentioned in Jul 4: @ThabitSenior @landaffairs @KwekaKweka @ElgarPublishing @cmi_no thanks. 	Jul 4
 Valentin Ngorisa and Peter Bofin liked a Tweet you were mentioned in Jun 29: Governance challenges in Tanzania's natural gas sector: Unregulated lobbyism and uncoordinated policy cmi.no/publications/5... @cmi_no 	Jul 4

 **Abel Kinyondo** @AbelKinyondo · Sep 9
 @neemalugangira @cmi_no So your views are more balanced than tens of respondents we interviewed from MEM TPDC, WB IMF, TPSF, UDSM, NREGI etc?

 **Neema Lugangira** @neemalugangira · Sep 9
 @AbelKinyondo @cmi_no Nonetheless, I have done my part. If at all any value will be seen then perhaps a balanced paper is needed. Goodluck.

 **Neema Lugangira** @neemalugangira · Sep 9
 @AbelKinyondo @cmi_no I provided my views in efforts to contribute to balance some of your papers' contents for the benefit of other readers

 **Neema Lugangira** @neemalugangira · Sep 9
 @AbelKinyondo Implementation experience triggers amendments. Your paper w @cmi_no seemed to be titling more on one side and not balanced.

 **Peter Bofin** liked a Tweet you were mentioned in Sep 9
 Sep 7: @Udadisi @cmi_no In efforts of adding value to GoT, this paper should have focused on providing guidance over the upcoming #LCRegulations



 **Jesse Salah Ovidia** @js_ovadia · Sep 9
 @AbelKinyondo @cmi_no @neemalugangira I don't see why these are dichotomous things - they may be or they may not!

 **Neema Lugangira** @neemalugangira · Sep 9
 @AbelKinyondo @cmi_no As my final tweet, keep on pushing the boundaries. Research is important in aiding common understanding & decisions 👍

 **Abel Kinyondo** @AbelKinyondo · Sep 9
 @neemalugangira @cmi_no Freedom of information bill was not passed last year due to its inadequacies Why wait for implementation to improve?

Targeted work on Twitter has established links to influential Twitter users working on natural resources in Tanzania and elsewhere in Africa. Some of them have thousands of followers, and when they retweet us, we reach an impressive number of potential stakeholders.

Here are a few examples:



Experiences from REPOA’s last annual research workshop (April 2016) show that Twitter activity spurs debate, gets us new followers and makes our researchers and research findings visible in the Tanzanian petro landscape and other development dialogue. For the 2016 ARW, REPOA engaged Maria Njau to work on social media (Twitter in particular). We agreed with selected researchers prior to the event that they would have a special focus on social media. The number of Tweets and new relevant followers show that the strategy paid off.

Some examples from tweeting during REPOA's ARW 2016:

The image shows a screenshot of a Twitter thread. At the top, there are icons for reply, retweet (19), like (5), and a menu. The first tweet is a retweet by Maria Njau of a tweet by Ingrid Hoem Sjursen (@IngridSjursen) from April 7. The text of the retweeted tweet is: "We should not only manage expectations, but also frustrations, related to industrialization in Tanzania", #ARW2016 #REPOA. The second tweet is also a retweet by Maria Njau of a tweet by Chambi Chachage (@Udadisi) from April 7. The text is: "There is no such thing as resource curse - just call it by its name- corruption in/on natural resources"-Joseph Simbakalia @REPOA #ARW2016. The third tweet is by Maria Njau (@Mamlaii) from April 7, stating: "As we move towards #industrialisation the greatest resource we have are our people, Prof. Mascarenhas #ARW2016". The fourth tweet is by Maria Njau (@Mamlaii) from April 7, stating: "Citizens of Mtwara and Lindi are more willing to pay tax than the citizens of Dar es Salaam #PetroState #ARW2016 tanpetstate.org/2016/04/07/not ...". The fifth tweet is by Maria Njau (@Mamlaii) from April 7, stating: "Increased expectation of gas revenue also increases expectations of corruption @IngridSjursen @oddfjeldstad #PetroState #ARW2016". The sixth tweet is by Maria Njau (@Mamlaii) from April 7, stating: "There is no 'resource curse' there's an institution curse. Kendra Dupuy @cmi_no #PetroState #ARW2016". The seventh tweet is a retweet by Maria Njau of a tweet by Ingrid Hoem Sjursen (@IngridSjursen) from April 7, stating: "Invest in infrastructure and human capital rather than a petroleum fund, sais Ragnar Torvik #ARW2016 #CMI #PetroState #REPOA".