

| Pillar   | HST Strategic Aim | Foundation Purposes | Organization                                | Purpose  | Country              | Expected Key Deliverables  | Key Deliverables Received  | Approval | Project End Date |
|--|-------------------|---------------------|---|--|----------------------|--|--|----------|------------------|
| HST  | D                 | ii                  | A. C. Nielsen Amer (Shj. Br.)               | Survey on usage patterns and perceptions regarding tobacco products and ANDS among adults across 7 countries   | United Arab Emirates | Research report including findings by country and dissemination                                  | Research report submitted to FSFW. Available at: <a href="https://www.smokefreeworld.org/global-state-of-smoking-poll-2019/">https://www.smokefreeworld.org/global-state-of-smoking-poll-2019/</a>   | May-19   | Oct-19           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | vii                 | ACK Consultants                             | Conduct a Virtual Global Conference on “15 Years of FCTC”  | UK                   | 2 day virtual conference including dedicated website to support conduct, networking and outreach | 2 day virtual conference including dedicated website to support conduct, networking and outreach. Available at: <a href="https://www.15yearsconference.net/">https://www.15yearsconference.net/</a>  | Sep-20   | Dec-20           |
| HST  | A,B               | i,iii               | Agenome LLC                                 | Assess cancer risk of smokers through DNA and RNA research and creation of genome database with an aim to encourage smokers to quit or transition to reduced risk products   | India                | Multiple scientific papers / outputs   | Patell VM, et al. The First complete Zoroastrian-Parsi Mitochondria Reference Genome: Implications of mitochondrial signatures in an endogamous, non-smoking population. Cold Spring Harbor Laboratory. 2020;;2020.06.05.124891. doi:10.1101/2020.06.05.124891   | Feb-19   | Mar-21           |
| HST  | A                 | i                   | Alternative Research Initiative             | Map the status of harm reduction products for cessation and THR in Pakistan  | Pakistan             | Research report including recommendations for future work  | Research report submitted to FSFW; Status report, 'Mapping of Harm Reduction Products in Pakistan'. Available at <a href="http://www.panthr.org/publications/Mapping-of-Harm-Reduction-Products-in-Pakistan.pdf">http://www.panthr.org/publications/Mapping-of-Harm-Reduction-Products-in-Pakistan.pdf</a> | May-18   | Aug-18           |
| HST  | A                 | i                   | Alternative Research Initiative             | Assess further the status of Harm Reduction approaches in Pakistan   | Pakistan             | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Dec-18           |
| HST  | A                 | i                   | Alternative Research Initiative             | Study on barriers to smoking cessation and reduced risk products in marginalized communities in Pakistan   | Pakistan             | Two study reports  | Two study reports, 'Barriers to Smoking Cessation in Marginalized Communities and the Use of Harm Reduction Products in Islamabad, Pakistan' and 'KAP Study on Vapers in Pakistan' delivered to FSFW. Available at <a href="http://www.panthr.org/publications/">http://www.panthr.org/publications/</a> . | Dec-18   | Dec-19           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | i                   | Alternative Research Initiative             | Garner consensus and support for COP9 to consider harm reduction as integral to tobacco control  | Pakistan             | Dissemination of research outputs generated by FSFW and partners                                 | Work in progress. Multiple outputs disseminated  | Feb-20   | Nov-21           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | i,ii                | American Masala                             | 4-country investigation aimed at better understanding tobacco use and how it impacts daily life and society  | USA                  | Narrative report centered around imagery (archival and recent)                                   | Media inputs and graphics shared   | Jan-20   | Dec-20           |
| HST  | A                 | i,iii               | Anaytisch-Biologisches Forschungslabor GmbH | Scoping work for research concerning biomarkers of nicotine product exposure   | Germany              | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Jan-19           |
| HST  | A                 | i,iii               | Anaytisch-Biologisches Forschungslabor GmbH | Identification of biomarkers and / or patterns of biomarkers that properly distinguish among nicotine product use groups for the development of a prototype diagnostic tool to be used in interventions to help smokers quit or switch to a reduced risk product | Germany              | Clinical study report, scientific manuscripts  | Work in progress. Deliverables to be submitted by the end of grant   | Feb-19   | Aug-21           |
| HST  | A                 | i,ii                | Asia Management Private Limited             | Survey of smoking behavior of young adults and development of 2 year plan of action for ending youth smoking in the Maldives   | Maldives             | Research report plus full grant proposal for future work   | Research report plus full grant proposal for future work submitted to FSFW   | Sep-19   | Mar-20           |

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| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii                | Asia Public History Foundation Inc                               | Explore historical routes of tobacco production, circulation, and addiction in Asia and China and policy-related solutions   | USA       | Research report including recommendations for future work  | Research report submitted to FSFW  | Dec-18   | Aug-19           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | ii                  | Asia Public History Foundation Inc                               | Study of tobacco sector in India   | USA       | Academic paper   | Work in progress. Deliverable to be submitted by the end of grant  | Aug-20   | Apr-21           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i                   | Asociación Argentina de Servicios y Estudios Médicos de Avanzada | Garner consensus and support for COP9 to consider harm reduction as integral to tobacco control                              | Argentina | Dissemination of research outputs generated by FSFW and partners   | Outputs disseminated   | Mar-20   | Jan-21           |
| HST   | A                 | i,iii               | Behavioral Diagnostics, LLC                                      | Scoping work for research concerning biomarkers of nicotine product exposure   | USA       | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Jan-19           |
| HST   | A                 | i,iii               | Behavioral Diagnostics, LLC                                      | Development of a kit for the detection and quantification of tobacco and other nicotine product use                          | USA       | Research report  | Work in progress. Deliverable to be submitted at the end of grant  | Feb-19   | Apr-21           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,iii               | Biochromex   | Development of a relative risk hierarchy of nicotine products  | UK        | Nicotine products relative risk assessment   | Research report submitted to FSFW. Available at: <a href="https://f1000research.com/articles/9-1225">https://f1000research.com/articles/9-1225</a> | Jan-20   | Feb-21           |
| HST   | A,D               | i,ii                | BOTEC Analysis, LLC  | Investigate the Drivers for Smoking Cessation in Five Countries with ANDS Markets  | USA       | Research report synthesizing findings and analysis from national case studies  | Case studies and consolidated research report submitted to FSFW  | Jul-19   | Jul-21           |
| HST   | A,D               | i,ii                | BOTEC Analysis, LLC  | Identify & describe responses of nicotine users to a range of new tobacco & nicotine policies issued in response to COVID-19 | USA       | Research report including synthesis of lessons learned and policy considerations   | Work in progress. Deliverable to be submitted at the end of grant  | Jan-21   | Jul-21           |
| HST   | A,B,D             | i,ii,iii            | Cambridge Design Partnership Ltd                                 | Scoping work to identify opportunities to develop and deploy emerging technologies to end smoking in LMICs                   | UK        | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | May-18   | Aug-18           |
| HST   | A,B,D             | i,ii,iii            | Cambridge Design Partnership Ltd                                 | Investigate the impediments to adoption of RRP for cessation and THR in 4 LMICs  | UK        | Key takeaways guide, summary report, 4 research reports  | All deliverables submitted to FSFW   | Apr-19   | Feb-20           |
| HST   | A,B,D             | i,ii,iii            | Cambridge Design Partnership Ltd                                 | Disseminate findings of scoping work to elucidate key impediments to mass adoption of RRP in LMICs                           | UK        | White paper, scientific paper, multiple media communications   | Work in progress. Deliverables to be submitted by the end of grant   | Feb-21   | May-21           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i,vii               | Carlyle Global Partners LLC                                      | Co-host summit celebration of knowledge & innovation at the nexus of wellness & smoke free world                             | USA       | Delivery of Summit   | Summit completed   | Nov-17   | Mar-18           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i,vii               | Carlyle Global Partners LLC                                      | Co-host summit celebration of knowledge & innovation at the nexus of wellness & smoke free world                             | USA       | Delivery of Summit   | Summit (Program available 'A Celebration of Philanthropy and Innovation Transforming Health and Wellness') completed                               | Jul-18   | Sep-18           |
| HST   | B,D               | i,ii,iii            | Centre For Health Research And Education Limited                 | Research to accelerate progress towards smoking cessation in the UK  | UK        | Study report including recommendations for future work, reports and data in print and web form   | Work in progress. Deliverables to be submitted by the end of grant   | Nov-19   | May-21           |
| HST   | B,D               | i,ii,iii,vii        | Centre For Health Research And Education Limited                 | Research, develop and deliver practical solutions to achieve and sustain smoking cessation in mental health sites in the UK. | UK        | Mental health summits, protocol for smoking cessation in mental health facilities, online e-learning course available for roll out across Priory | Work in progress. Deliverable to be submitted at the end of grant  | Nov-19   | Sep-21           |

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| HST+ Addresses FSFWs education and awareness objectives | B,D               | i,ii,vii            | Centre For Health Research And Education Limited                       | Scoping work for the establishment of a multi-center network for tobacco research and cessation in India  | UK          | Full grant proposal for future work   | Full proposal submitted to FSFW   | Jan-20   | Jul-20           |
| HST   | A                 | i                   | Centre For Health Research And Education Limited                       | Capacity building to reduce tobacco-related death and disease in India  | UK          | Indian culture and tobacco product-specific guidelines and cessation education modules in CMEs; tobacco cessation awareness campaigns around WNTD; piloting model tobacco cessation clinics; harnessing of mobile technology for consumer education as well as early diagnosis of oral cancer | Work in progress. Deliverables to be submitted by the end of grant  | Dec-20   | Dec-22           |
| HST   | B                 | i                   | Centre For Substance Use Research                                      | Scoping work for development and implementation of replication research on determinants of use and impacts of RRP in LMICs                                  | UK          | Research report   | Research report submitted to FSFW   | May-18   | Aug-18           |
| HST   | B                 | i                   | Centre For Substance Use Research                                      | Scoping work for the establishment of a Centre of Excellence in Behavioral Research Related to ANDS and Smoking Cessation                                   | UK          | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | May-18   | Aug-18           |
| HST   | A,B,D             | i,ii,iii            | Centre of Research Excellence On Indigenous Sovereignty & Smoking, The | Scoping work for a global Centre of Excellence (CoE) for research on smoking cessation and harm reduction in indigenous people and marginalized communities | New Zealand | Full grant proposal for future work, multiple research outputs including country studies  | Multiple publicly available research outputs generated; full grant proposal for future work submitted to FSFW   | May-18   | Jun-19           |
| HST   | A,B,D             | i,ii,iii            | Centre Of Research Excellence On Indigenous Sovereignty & Smoking, The | Establishing a global Centre of Excellence (CoE) for research on smoking cessation and harm reduction in indigenous people and marginalized communities     | New Zealand | Multiple research outputs   | Work in progress. Deliverables to be completed / submitted by the end of grant. Multiple publicly available outputs generated. See: <a href="https://coreiss.com/home">https://coreiss.com/home</a> | Jul-19   | Aug-24           |
| HST   | A                 | i                   | Child Sight Foundation   | Investigate current landscape of tobacco smoking and knowledge amongst slum dwellers in Dhaka, Bangladesh   | Bangladesh  | Landscape analysis report and country report  | Reports submitted to FSFW   | May-18   | Sep-18           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i,ii                | Child Sight Foundation   | Review of progress in tobacco control in five countries in Southeast Asia including identification of gaps in policy-relevant research                      | Bangladesh  | Study report  | Study report submitted to FSFW  | Mar-20   | Oct-20           |
| HST   | A                 | i                   | Clinivantage Healthcare Technologies, Inc                              | Investigate how geographical setting influences patterns of tobacco cessation and use in rural and urban-slum communities in India                          | India       | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | May-18   | Aug-18           |
| HST+ Addresses FSFWs education and awareness objectives | B                 | vii                 | Conrad Foundation  | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation                          | USA         | Narrative report  | Deliverable to be submitted at the end of grant   | Jul-19   | May-21           |
| HST+ Addresses FSFWs education and awareness objectives | B                 | vii                 | Conrad Foundation  | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation                          | USA         | Narrative report  | Narrative report submitted to FSFW  | May-20   | Jun-20           |
| HST+ Addresses FSFWs education and awareness objectives | B                 | vii                 | Conrad Foundation  | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation                          | USA         | Narrative report  | Narrative report submitted to FSFW  | Jun-20   | Jul-20           |

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| HST+<br>Addresses FSFWs education and awareness objectives | B                 | vii                 | Conrad Foundation                                      | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation   | USA     | Narrative report  | Work in progress. Deliverable to be submitted at the end of grant   | Dec-20   | Dec-21           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | i,ii                | Cornell University                                     | Econometric study of the role risk perceptions play in consumer demand and markets for THRPs   | USA     | Study report  | Work in progress. Deliverable to be submitted at the end of grant   | Jan-20   | Jan-21           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | i,ii                | Cornell University                                     | An economic study of risk perceptions and consumer demand for harm reduction products  | USA     | Two study reports   | Two study reports submitted to FSFW   | May-20   | Feb-21           |
| HST+<br>Addresses FSFWs education and awareness objectives | A                 | i,ii, iii           | Cornell University                                     | Develop empirical evidence to help provide education around public policies to end smoking in this generation  | USA     | Cost-benefit analysis report and academic articles covering major research questions and objectives       | Work in progress. Deliverables to be completed / submitted by the end of grant  | Dec-20   | Jun-23           |
| HST+<br>Addresses FSFWs education and awareness objectives | B                 | i,ii,vii            | Council on Health Research for Development (USA), Inc. | Scoping work for development of long-term proposal for 'Strengthening national research system capacity in Low- and Middle-Income countries in support of tobacco control, health, equity and development' | USA     | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | Jan-20   | Sep-20           |
| HST  | A                 | i,ii                | Drexel University                                      | Scoping work for research to investigate impacts of residual tobacco smoke and e-cigarette residue   | USA     | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | Dec-18   | Oct-19           |
| HST  | A,B               | i,ii,iii            | ECLAT SRL  | To accelerate the establishment of a CoE for the Acceleration of Harm Reduction (CoEHAR)   | Italy   | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | May-18   | Aug-18           |
| HST  | A,B               | i,ii,iii            | ECLAT SRL  | Accelerate and improve smoking precision and detection rate of monitoring the smoking episodes via SmokeBeat technology  | Italy   | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW (together with CoE proposal)  | Sep-18   | Nov-18           |
| HST  | A,B               | i,ii,iii            | ECLAT SRL  | Preparation for a long term study based on EU-path study   | Italy   | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW   | Feb-19   | Jul-19           |
| HST  | A,B               | i,ii,iii            | ECLAT SRL  | Establishment of a Center of Excellence for the Acceleration of Harm Reduction   | Italy   | Academic papers, white papers, policy briefs, study reports, delivery of ISPM including website           | Work in progress. Deliverables to be completed / submitted by the end of grant. Multiple publicly available outputs generated. 2019 ISPM delivered (see <a href="https://www.ispm-coehar.org/">https://www.ispm-coehar.org/</a> ) | Feb-19   | Mar-24           |
| HST  | A,B               | i,ii,iii            | ECLAT SRL  | Develop guidelines for quality tobacco / nicotine product research   | Italy   | Academic paper, white paper   | Work in progress. Academic paper (Hajat C, Stein E, Shantikumar S, et al. The health impact of electronic nicotine delivery systems: A systematic review. bioRxiv. 2020. doi:10.1101/2020.10.07.20208355)                         | Jul-19   | May-21           |
| HST  | A,B               | i,ii,iii,vii        | ECLAT SRL  | Bridge the gaps and build accountability in media communications around tobacco harm reduction science   | Italy   | Online platform for journalists / communicators, masterclass in science communication with a focus on THR | Work in progress. Media articles and press releases available at: <a href="https://cataniaconversation.coehar.org/">https://cataniaconversation.coehar.org/</a>   | Nov-19   | Feb-21           |

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| HST+ Addresses FSFWs education and awareness objectives | A                 | i,ii                | Economic Policy Research Foundation Of Turkey (TEPAV) | Economic analysis of tobacco, tobacco products, and their alternatives in Turkey and the Turkish Republic of Northern Cyprus   | Turkey       | Research report plus full proposal for future work   | Research report and full grant proposal for future work submitted to FSFW   | Jan-20   | Jun-20           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i, ii               | Economic Policy Research Foundation Of Turkey (TEPAV) | Expand on and disseminate findings of scoping work around economic tobacco research  | Turkey       | Webinar, website, policy notes, academic papers  | Work in progress. Deliverables to be completed / submitted by the end of grant  | Dec-20   | Dec-22           |
| HST   | A,C               | i                   | Embera Neuro Therapeutics                             | Manufacture material for Tobacco Use Disorder Study  | USA          | EMB-001 clinical trial material  | EMB-001 manufactured, bottled, labeled and ready for clinical use   | Aug-19   | Sep-20           |
| HST   | C                 | i                   | Ernst & Young Ag                                      | Identification of observable smoker characteristics that are linked to cessation success   | Switzerland  | Research report including recommendations for future work  | Research report submitted to FSFW   | Jul-19   | Mar-20           |
| HST   | C                 | i                   | Ernst & Young Ag                                      | Synthesize and formulate lessons learned from countries with ANDS availability which have seen drastic drops in number of smokers  | Switzerland  | Comprehensive report including country case studies  | Research report submitted to FSFW   | Jul-19   | Mar-20           |
| HST   | A                 | i,iii               | Etheim Biotics, LLC                                   | Multi-regional study to examine the impact of smoking and vaping on the human microbiome   | USA          | Narrative report and academic papers   | Work in progress. Deliverables to be completed / submitted by the end of grant  | Feb-19   | Feb-24           |
| Industry transformation                                 | A                 | iv                  | Euromonitor International Inc                         | Tobacco Transformation Index process design, research and analysis, and reporting  | UK           | First Edition of the Tobacco Transformation Index ranking the world's largest 15 tobacco companies | Tobacco Transformation Index 2020. Available at: <a href="https://tobaccotransformationindex.org/">https://tobaccotransformationindex.org/</a>  | Feb-19   | Nov-22           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i,ii                | Euromonitor International Inc                         | Investigate the impact of the EU menthol ban and its potential to reduce the total consumption of combustible tobacco  | UK           | Research report  | Research report submitted to FSFW. Available in online format at: <a href="https://www.smokefreeworld.org/eu-menthol-cigarette-ban-survey-2/">https://www.smokefreeworld.org/eu-menthol-cigarette-ban-survey-2/</a> | Mar-20   | Dec-20           |
| Industry transformation                                 | A                 | i                   | Feng Insight  | Conduct China policy landscape analysis and related high-level strategic review  | UK           | Narrative report including recommendations for future work   | Narrative report submitted to FSFW  | Jun-19   | Sep-19           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i,vii               | Foreign Policy Group                                  | Researching the role of women in leading change in the tobacco industry, and others, through the "Women as Levers of Change" project   | USA          | Women as Levers of Change Report   | Women as Levers of Change Report. Available at: <a href="https://www.womenasleversofchange.com/">https://www.womenasleversofchange.com/</a>   | Mar-20   | Dec-20           |
| HST   | A                 | i                   | Foundation for Professional Development               | Determining the effects of smoking on long-term recovery from SARS-CoV-2 infection in South African adults with mild disease.  | South Africa | Research report, Academic article  | Work in progress  | Mar-21   | May-22           |
| HST   | B,C               | i                   | Fox Foundation  | Establishment of a global research program to develop, evaluate, and disseminate consumer-driven approaches to improve the effectiveness of smoking cessation and harm reduction interventions | USA          | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW   | Dec-18   | Jan-19           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i,ii                | Healthy Initiatives                                   | Evaluate the status and the gaps in Tobacco Control policies in Ukraine, the Russian Federation and number of developing Former Soviet countries in East and Central Asia (ECA) region         | Ukraine      | Situation analysis report including recommendations for future work                                | Report submitted to FSFW  | Jan-20   | Dec-20           |

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| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A                 | i, ii               | Healthy Initiatives                                      | Develop empirical evidence to help guide key stakeholders on the specific steps on ending smoking epidemic   | Ukraine      | Dissemination of scoping study findings, in-depth study report including comprehensive roadmap on combating illicit trade in the region | Work in progress. Deliverables to be completed / submitted by the end of grant  | Dec-20   | Dec-22           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A                 | vii                 | Influence Foundation, Inc., The (Filter Magazine)        | To expand Filter's capacity to produce, publish, and promote informative and evidence-based THR information and articles with higher volume, quality, and reach than is currently possible | USA          | Multiple informative and critical THR articles  | Work in progress  | Dec-20   | Feb-22           |
| HST   | A                 | i, ii               | Institute for Human Development                          | Study legal protections impacting Beedi workers in India   | India        | Full research report including key findings and recommendations; virtual workshop   | Work in progress. Deliverables to be submitted by the end of grant  | Sep-20   | Dec-20           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A,B               | i,ii,vii            | International Network Of Nicotine Consumer Organisations | General support to INNCO to assist the organization in its mission to promote tobacco harm reduction strategies  | Denmark      | Narrative report  | Narrative report submitted to FSFW  | Nov-18   | Jul-19           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A,B               | i,ii,vii            | International Network Of Nicotine Consumer Organisations | General support to INNCO to assist the organization in its work as an advocate for tobacco harm reduction  | Denmark      | Narrative report  | Narrative report submitted to FSFW  | Oct-19   | Jul-20           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A,B               | i,ii,vii            | International Network Of Nicotine Consumer Organisations | Support to INNCO to assist the organization in its work to garner consensus and support for COP9 to consider harm reduction as integral to tobacco control                                 | Denmark      | Dissemination of research outputs generated by FSFW and partners  | Outputs disseminated  | Jan-20   | Jul-20           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A,B               | i,ii,vii            | International Network Of Nicotine Consumer Organisations | General support to INNCO to assist the organization in its work as an advocate for tobacco harm reduction  | Denmark      | Narrative report  | Narrative report submitted to FSFW  | May-20   | Sep-21           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A                 | i                   | Just Managing Consulting                                 | Report on government ownership in the tobacco industry, conflicts of interest, FCTC reporting, and public health policies  | South Africa | Research report plus full grant proposal for future work  | Research report plus full grant proposal for future work submitted to FSFW  | Jan-20   | Mar-20           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | A                 | i                   | Just Managing Consulting                                 | In-depth analysis of areas identified whilst gathering data about government ownership in tobacco companies  | South Africa | Research report available in the public domain  | Research report, 'CONTRADICTIONS AND CONFLICTS', submitted to FSFW. Available at: <a href="https://www.smokefreeworld.org/reports/contradictions-and-conflicts/">https://www.smokefreeworld.org/reports/contradictions-and-conflicts/</a> | Mar-20   | Jul-20           |
| HST+<br>Addresses<br>FSFWs<br>education<br>and<br>awareness<br>objectives | D                 | iv                  | Just Managing Consulting                                 | Contribute to the development of a theory of change model for state-owned tobacco companies  | South Africa | Three working papers leading to a consolidated report tentatively titled "A theory of change for state-owned tobacco enterprises."      | Work in progress. Deliverables to be submitted by the end of grant  | Dec-20   | Dec-21           |

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| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Produce the first edition of the Global State of Tobacco Harm Reduction (GSTHR) report and GSTHR website  | UK      | No Fire, No Smoke: The Global State of Tobacco Harm Reduction Report 2018; GSTHR website with access to report | No Fire, No Smoke: The Global State of Tobacco Harm Reduction Report 2018 (English & Chinese). Available at: <a href="https://gsthr.org/resources/item/no-fire-no-smoke-global-state-tobacco-harm-reduction-2018">https://gsthr.org/resources/item/no-fire-no-smoke-global-state-tobacco-harm-reduction-2018</a> | Dec-17   | Oct-18           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Increase capacity for conducting and understanding research related to tobacco harm reduction   | UK      | Narrative report   | Narrative report submitted to FSFW   | Dec-17   | May-19           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Translation of the executive summary of GSTHR report from English to Arabic, Chinese, French, Russian and Spanish   | UK      | Translated GSTHR Executive Summaries   | Translated GSTHR Executive Summaries. Available at: <a href="https://gsthr.org/resources/item/gsthr-2018-executive-summary">https://gsthr.org/resources/item/gsthr-2018-executive-summary</a>  | Sep-18   | Dec-18           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Increase the profile and extend dissemination of the GSTHR report   | UK      | Dissemination of the Global State of Tobacco Harm Reduction (GSTHR) report                                     | GSTHR launch in Geneva including distribution to FCTC COP8 attendees   | Oct-18   | Sep-18           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Develop and disseminate Global State of Tobacco Harm Reduction report to increase awareness about national THR and cessation  | UK      | Narrative report, Series of half or full day GSTHR events in selected countries                                | UK parliamentary event plus 6 GSTHR roadshows / events in locations around the world; Narrative report submitted to FSFW   | Oct-18   | Jan-20           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Increase research capacity to understand, develop, and implement the science and evidence base relevant to THR  | UK      | Progress reports, development of THRSP website, final narrative report   | Progress reports submitted to FSFW; KAC Global Tobacco Harm Reduction Scholarship Programme 2020 website. Available at: <a href="https://scholarships.kachange.eu/">https://scholarships.kachange.eu/</a> . Work in progress.  | Feb-19   | Aug-23           |
| HST+ Addresses FSFWs education and awareness objectives | A,D               | i,ii,vii            | Knowledge Action Change Limited                   | Develop and disseminate Global State of Tobacco Harm Reduction report to increase awareness about national THR and cessation  | UK      | Future editions of GSTHR, focused thematic and country reports, further website development                    | Burning Issues: GSTHR 2020; Briefing Paper - Tobacco Harm Reduction and the Right to Health (including translations). Both available at: <a href="https://gsthr.org/">https://gsthr.org/</a> . Work in progress. All deliverables to be available at end of the grant  | Feb-19   | Feb-24           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | ii                  | Law Enforcement Action Partners (Filter Magazine) | Build capacity to share stories that present facts about tobacco harm reduction and nicotine use to all stakeholders  | USA     | Multiple high-quality THR media outputs plus narrative report  | Narrative report submitted to FSFW. Over 120 articles published in the public domain. Available at: <a href="https://filtermag.org/">https://filtermag.org/</a>  | Dec-18   | Sep-20           |
| HST   | A                 | i,iii               | Lumos Diagnostics Pty Ltd                         | Scoping work for research concerning biomarkers of nicotine product exposure (development of a rapid point of care assay)   | USA     | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Jan-19           |
| HST   | A                 | i,iii               | Lumos Diagnostics Pty Ltd                         | Development of a rapid point-of-care assay panel that can differentiate among the primary sources of nicotine to enable stronger correlations of nicotine sources with biomarkers of harm | USA     | Project reports, including feasibility report and development report   | Work in progress. Deliverables to be submitted by the end of grant   | Feb-19   | Jul-21           |

| Pillar  | HST Strategic Aim | Foundation Purposes | Organization                             | Purpose  | Country  | Expected Key Deliverables  | Key Deliverables Received  | Approval | Project End Date |
|---|-------------------|---------------------|--|--|----------|--|--|----------|------------------|
| HST   | A                 | i                   | Lung Foundation, The                     | Investigate the nexus of COVID19 and nicotine use  | UK       | Study report and Phase II proposal for subcohort analysis  | Work in progress. Deliverables to be submitted at the end of grant   | Jun-20   | Jun-21           |
| HST   | A                 | i                   | M Group, Inc., The                       | To investigate differential taxation for differential levels of harm, and to show its practical application in Indonesia   | USA      | Study report including policy recommendations, 2 stakeholder workshops                             | Work in progress   | Jan-21   | Oct-21           |
| HST   | B                 | i,ii,iii            | Metaform Ventures LLC                    | Groundwork for development of a CoE in India   | India    | Narrative report including recommendations for future work   | Narrative report submitted to FSFW   | May-18   | Aug-18           |
| HST   | B                 | i,ii,iii            | Metaform Ventures LLC                    | Chemical Characterization of smokeless tobacco (SLT) products in India   | India    | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Nov-18           |
| HST   | B                 | i,ii,iii            | Metaform Ventures LLC                    | Research regarding smokeless tobacco (SLT) products in India and development of standards for the chemical constituents of SLTs with a goal to ending smoking and minimizing harm caused by harmful and potentially harmful constituents of SLTs | India    | Narrative report   | Narrative report submitted to FSFW   | Jul-19   | Aug-20           |
| HST   | A                 | i,iii               | Nanocomposix                             | Scoping work for research concerning biomarkers of nicotine product exposure   | USA      | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW  | Oct-18   | Jan-19           |
| HST   | A                 | i                   | Oncimmune Ltd                            | Establishing a center and building capacity for its sustainability for the purpose of research and evaluation of innovative smoking cessation and harm reduction strategies to help smokers quit or switch to reduced risk products              | UK       | Grant proposal for future work, Establishment of a Lung Trust                                      | Grant proposal for future work submitted to FSFW, Lung Trust ("The Lung Foundation") established   | Mar-20   | Jul-20           |
| HST   | B                 | i                   | Patras Science Park S.A. – Biohealth Hub | Scoping work for development of an Institute for Research and Innovation on THR  | Greece   | Full grant proposal for future work  | Full grant proposal for future work submitted to FSFW; article published in peer-review journal (Andrikopoulos GI, Zagoriti Z, Topouzis S, et al. Oxidative stress induced by electronic nicotine delivery systems (ENDS): Focus on respiratory system. Current Opinion in Toxicology 2019;13:81–9.) | May-18   | Jan-19           |
| HST   | A                 | ii                  | Qbal (Quality Belligerence)              | Identify best practice evaluation methods for readily available tobacco and nicotine consumer products   | Pakistan | Research report including recommendations for future work  | Research report submitted to FSFW  | Jul-19   | Dec-19           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i,ii                | Qbal (Quality Belligerence)              | Building an economic argument for tobacco harm reduction as one route to cessation in Pakistan   | Pakistan | Study report   | Work in progress. Deliverable to be submitted at the end of grant  | Mar-20   | Feb-21           |
| HST   | A                 | i                   | QBal (Quality Belligerence)              | To build evidence for a supportive HRP regulatory environment in Pakistan  | Pakistan | Study report, Policy brief, Academic article   | Work in progress   | Jan-21   | Jul-21           |
| HST   | A                 | i,iii               | Rose Research Center, LLC                | Operationalization of a Translational Research Center for the evaluation of innovative smoking cessation and harm reduction strategies to help smokers quit or switch to reduced risk products   | USA      | Multiple research outputs and final report   | Work in progress. Deliverables to be submitted by the end of grant. Multiple publicly available outputs generated (journal articles)   | Feb-19   | Aug-22           |
| HST   | A                 | i,ii,iii            | Rose Research Center, LLC                | Examine the acceptability and outcome of a harm reduction approach to tobacco use for individuals with serious behavioral health disorders and determine the association with decrease in smoking  | USA      | Feasibility study to support development of future grant proposal                                  | Work in progress. Deliverable to be submitted at the end of grant  | Dec-20   | Oct-22           |
| HST   | A                 | i,ii,iii            | San Francisco Study Centre Inc.          | Examine the acceptability and outcome of a harm reduction approach to tobacco use for individuals with serious behavioral health disorders and determine the association with decrease in smoking  | USA      | Feasibility study to support development of grant proposal for future work                         | First year deliverables completed. Transferred to Rose Research Center, LLC for continuation of work   | Nov-19   | Dec-20           |
| Industry transformation                                 | A                 | iv                  | Sustainability Inc.                      | Tobacco Transformation Index stakeholder engagement, development and facilitation of Advisory Panel, and post-publication project review   | USA      | First Edition of the Tobacco Transformation Index ranking the world's largest 15 tobacco companies | Tobacco Transformation Index 2020. Available at: <a href="https://tobaccotransformationindex.org/">https://tobaccotransformationindex.org/</a>   | Feb-19   | Dec-20           |



| Pillar  | HST Strategic Aim | Foundation Purposes | Organization   | Purpose  | Country      | Expected Key Deliverables   | Key Deliverables Received  | Approval | Project End Date |
|---|-------------------|---------------------|--|--|--------------|---|--|----------|------------------|
| HST   | A                 | i, ii               | Synergeia Foundation, Inc  | Assess results of the tobacco cessation program of government in Philippines relative to its objectives and conduct an exploratory study of the market and policy environment for non-tobacco products | Philippines  | Study report including recommendations and identification of areas that warrant further study and research          | Work in progress. Deliverable to be submitted at the end of grant  | Dec-20   | Dec-21           |
| HST   | A                 | i,ii,iii            | University Of California San Francisco, School Of Nursing        | Comparative tobacco interventions for individuals with severe and persisting behavioral health disorders   | USA          | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW  | May-18   | Sep-18           |
| HST   | B                 | i,ii                | University Of Cape Town  | Scoping work for establishment of an African CoE for Smoking and Mental Health   | South Africa | Full grant proposal for future work   | Full grant proposal for future work submitted to FSFW  | May-18   | Apr-19           |
| HST   | B                 | i                   | University Of Stellenbosch, Business School                      | Planning for a possible future Centre of Excellence at Stellenbosch University   | South Africa | Narrative report including recommendations for future work  | Narrative report submitted to FSFW   | Jun-18   | Nov-18           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i,vii               | University Of Virginia - Institute For Environmental Negotiation | Convening dialogue on tobacco, nicotine and ANDS Harm Reduction  | USA          | Delivery of sixth dialogue at Forum for Civil Dialogue on Tobacco, Nicotine, and Alternative Product Harm Reduction | Dialogue delivered   | Apr-18   | Oct-19           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i,ii                | Vida News LLC  | Development of a professional media hub to improve global communications around tobacco harm reduction   | USA          | Multiple high-quality THR media outputs plus narrative report   | Multiple media outputs published in the public domain. Available via: <a href="https://vida.news/">https://vida.news/</a>  | Nov-19   | Jan-21           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i                   | Yale University  | Global review of tobacco cessation and harm reduction science  | USA          | Narrative report and academic article   | Narrative report submitted to FSFW; 3 academic papers published in peer-reviewed journals (Kumar N, et al. Tobacco cessation in low- to middle-income countries: A scoping review of randomized controlled trials. Addict Behav 2021;112:106612., Kumar N, et al. An overview of tobacco control interventions in the Global South. Drugs and Alcohol Today 2020;20:207-18., Kumar N, et al. The scope of tobacco cessation randomized controlled trials in low- to middle-income countries: protocol for a scoping review. Syst Rev 2020;9:86.) | Jun-19   | Nov-20           |
| HST+ Addresses FSFWs education and awareness objectives | D                 | i                   | Yale University  | Global review of tobacco cessation and harm reduction science  | USA          | Provision of evidence based data for evaluation and trends monitoring   | Work in progress. Deliverable to be submitted at the end of grant  | Mar-20   | May-21           |
| HST+ Addresses FSFWs education and awareness objectives | A                 | i                   | Yayasan Pena Bulu  | Scoping study to analyze the economic cost and health burden associated with tobacco morbidity and mortality with the goal of ending the Indonesian smoking epidemic                                   | Indonesia    | Study report  | Study report submitted to FSFW   | May-20   | Nov-20           |
| HST   | A                 | i,ii                | Youth Bridge, Inc.   | Scoping work for in-depth assessment on the culture of smoking in Liberia  | Liberia      | Full grant proposal for future work   | Research report and proposal for future work submitted to FSFW   | May-18   | Dec-18           |
| HST   | A                 | i,ii                | Youth Bridge, Inc.   | Determine pre-intervention conditions and best practice strategies to end smoking in Liberia   | Liberia      | Research report   | Research report submitted to FSFW. Available at: <a href="http://www.youthbridgeliberia.org/legaldoc/YOUTH%20BRIDGE%20INC%20AUDIT.zip">http://www.youthbridgeliberia.org/legaldoc/YOUTH%20BRIDGE%20INC%20AUDIT.zip</a>   | Dec-18   | Dec-19           |

| Pillar      | Ag/L Strategic Aim | Foundation Purposes | Organization                              | Purpose   | Country            | Expected Key Deliverables   | Key Deliverables Received  | Approval | Project End Date |
|-------------|--------------------|---------------------|---|---|--------------------|---|--|----------|------------------|
| Agriculture | A                  | v                   | ACK Consultants                           | Gap analysis for transitioning farmers and other stakeholders out of the tobacco industry in Malawi   | Malawi             | Helped inform ATI on the perceptions of smallholder farmers and other stakeholders on the obstacles to transitioning from tobacco in Malawi   | Results and paper delivered. Published as peer reviewed working paper. Narrative report on the obstacles to transitioning from tobacco <a href="https://www.smokefreeworld.org/working-papers/alternatives-to-tobacco-farming-and-environmental-degradation-in-malawi/">https://www.smokefreeworld.org/working-papers/alternatives-to-tobacco-farming-and-environmental-degradation-in-malawi/</a> | May-18   | Dec-18           |
| Agriculture | C                  | v                   | Causal Design                             | Travel and participation as a grantee to the 2019 ATI Grantee/Partner Workshop in Stellenbosch, SA  | South Africa, USA  | Participated and contributed to the 2019 ATI Grantee/Partner Workshop   | Cross-networked with other grantees and developed strategies for way forward   | Feb-19   | Apr-19           |
| Agriculture | D                  | v                   | Causal Design                             | Act as a preferred research partner of the agricultural transformation initiative. Conduct ad-hoc analyses and assist in monitoring, evaluation, and learning support | Malawi             | Background and literature review of structural transformation, economic growth, and case study for agricultural transformation in Malawi  | Completed: Policy memo on Structural Transformation, policy memo on Summary of Malawi Economy, public report on Malawi's experience to date, and dissemination materials   | Feb-19   | Apr-19           |
| Agriculture | A                  | v                   | Causal Design                             | Act as a preferred research partner of the agricultural transformation initiative. Conduct ad-hoc analyses and assist in monitoring, evaluation, and learning support | Malawi             | Development of research methodology and analytical framework for analysis of agricultural value chains  | Completed: Systematic analytical framework to narrow the range of constraints and initiate a foundation for designing effective interventions along prioritized value chains towards diversification from tobacco in Malawi  | Feb-19   | Jul-19           |
| Agriculture | A                  | v                   | Central Region Milk Producers Association | Support dairy farming cooperatives in the Mchinji district as a viable alternative to tobacco farming   | Malawi             | Increase milk production and productivity per cow, improve quality of milk at farm level, increase animal health, enhance capacity to handle, transport, bulk, and chill/cool milk, strengthen governance and management of systems, and increase access to dairy breeding services   | Completed: Distribution of 50 dairy animals, construction of two model animal sheds, bicycle revolving fund, and associated training for cooperative development, to support clean milk production and prevent disease   | Nov-18   | Dec-19           |
| Agriculture | C                  | v                   | Conrad Foundation                         | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation                                    | Malawi, India, USA | Sponsorship of a successful challenge to inspire students around the globe to create solutions to better our communities and planet   | Completed: Provided grants for Conrad-sponsored scholarships in regional category challenges   | Jul-18   | May-19           |
| Agriculture | C                  | v                   | Conrad Foundation                         | Sponsor scholarships for Conrad to provide to students in special innovator category relating to ending smoking in this generation                                    | Malawi, India, USA | Sponsorship of a successful challenge to inspire students around the globe to create solutions to better our communities and planet   | Completed: Provided grants for Conrad-sponsored scholarships in regional category challenges   | Dec-17   | May-18           |
| Agriculture | E                  | v                   | Farmers Union Of Malawi                   | Agriculture recovery project, including opportunity for crop diversification to prepare for a time when there is a reduced demand for leaf tobacco                    | Malawi             | The goal of the project is to improve food security, nutritional alternatives, and income of flood affected households in targeted tobacco farming districts. The project has two specific objectives: increase access to irrigation technology by smallholder farmers, and increase crop production, productivity and access to markets by smallholder farmers | Completed: Design and construction of a solar powered irrigation scheme. Training in management of irrigation, water management, agricultural practices, cooperative development, management, and marketing. Procurement and distribution of farm inputs. Facilitated linkages to private produce off-takers   | Jul-19   | Jun-20           |

| Pillar      | Ag/L Strategic Aim | Foundation Purposes | Organization                                    | Purpose   | Country     | Expected Key Deliverables   | Key Deliverables Received  | Approval | Project End Date |
|-------------|--------------------|---------------------|---|---|-------------|---|--|----------|------------------|
| Agriculture | A                  | v                   | Global Knowledge Initiative                     | Design of the Agri-Preneur Accelerator Program (AAP)  | Malawi      | Research report on application of global best practices in entrepreneurship acceleration to the Malawi context  | Research report submitted to FSFW  | Apr-19   | Jun-19           |
| Agriculture | C                  | v                   | Institute Of International Education, Inc., The | Sponsor tertiary scholarship opportunities for IIE to provide for students in Malawi to prepare for a time when there is less demand for tobacco leaf                 | Malawi, USA | IIE obtains co-funding commitments from target universities including Michigan State University, University of Minnesota, North Carolina State University, Stellenbosch University, and others. IIE concludes the selection process to identify 19 IIE scholars and 8 IIE fellows and applies to identified academic programs on behalf of awardees   | Successful completion of graduate studies or postdoctoral fellowship by 27 Malawian awardees to increase the quality of agricultural research in Malawi supporting the scientific advancement of alternatives to tobacco production  | Mar-19   | Feb-23           |
| Agriculture | A                  | v                   | Intl Fcstone Financial Inc.                     | Sponsorship for the Southern Africa Structured Trade Seminar  | USA         | Sponsorship of successful conference  | Completed: Sponsorship of successful conference  | Feb-18   | Jun-18           |
| Agriculture | B                  | v                   | Land O'Lakes Venture37                          | Establishment of a Center of Excellence for Agricultural Transformation (CAT) in Malawi   | Malawi      | Focused work plan to address the Science, Technology, and Innovation (STI) and Business Incubation Center (BIC) mandates and incorporation of partners ahead of the establishment of the center. BIC activities – entrepreneurship hackathons, mentorship sessions, pitch days, Ag Tech Challenge, and open grant windows. STI Activities – early stages of agriculture data analytics, farmer demo plots (variety, irrigation, inputs, and GAP trials), drone technology, and food science incubation. These activities will be integrated into the center of excellence for agricultural transformation | CAT established and first year of smallholder farmer demonstration plots completed. Developing food science curriculum with Malawi University for Science and Technology. Developed partnerships with cross-section of private agricultural sector. Drafted revised master workplan with all parties of the consortium and ATI team. Business Incubation Center Activities – 2019 Ag-Tech Challenge conducted, 18 private sector organizations funded and engaged in the incubation process, initial steps of 2020 hackathon entrepreneurship challenge started. Science, Technology, and Innovation Activities – Bootcamp conducted to scope current setting around data activities, initial phase of agriculture data analytics work started | Dec-18   | Jan-24           |
| Agriculture | C                  | v                   | LTS International Limited                       | Act as a preferred research partner of the agricultural transformation initiative. Conduct ad-hoc analyses and assist in monitoring, evaluation, and learning support | Malawi      | Policy memo outlining key assumptions and foundation for ATI and CAT theory of change. Draft gender mainstreaming framework for ATI programming and implementation  | Developed theory of change and results framework for ATI to align programs and research towards its overall goals  | Feb-19   | Apr-19           |

| Pillar      | Ag/L Strategic Foundation Aim | Purposes | Organization                            | Purpose  | Country | Expected Key Deliverables  | Key Deliverables Received   | Approval | Project End Date |
|-------------|-------------------------------|----------|---|--|---------|--|---|----------|------------------|
| Agriculture | D                             | v        | Michigan State University (MSU)         | Capacity building for acceleration of agricultural transformation to prepare Malawi for a time when there is less demand for leaf tobacco  | Malawi  | Legally register and staff Mwapata Institute in Malawi as an independent, Malawian-led policy think tank. Generate evidence from research and consultative processes to inform formulation, implementation, and evaluation of agricultural and related policies. Provide support to the Ministry of Agriculture and Food Security to effectively build on existing policy priorities embraced by the Malawian Government and agricultural sector stakeholders. Contribute to the process on the formulation of Vision 2063, the country's long-term vision coordinated by the National Planning Commission | Mwapata is legally registered and engaging in policy research. Partnered with the National Planning Commission for Eminent Speaker Series. Participated in regional policy events and ReNAPRI network African policy institutes. Deliverables received include: (i) Creating linkages to local research programs at the National Agricultural University of Malawi, and to other Malawi policy organizations to guide policy reform and implementation; (ii) Provide technical guidance to the Ministry of Agriculture (MoA) to reform the Affordable Inputs Programme (AIP); (iii) Support key institutions to catalyze agricultural transformation (MoA, Ministry of Lands); (iv) prioritize three agricultural commodity value chains as alternatives to tobacco farming, and guide the MoA to implement its diversification strategy; (v) provide research and embedded technical expertise to promote evidence-based agricultural policy reforms to the government of Malawi | Dec-18   | Jun-22           |
| Agriculture | A                             | v        | Opportunity International, Inc.         | Develop innovative financial products to help foster agricultural transformation in Malawi   | Malawi  | Pilot program delivers training modules around good agricultural practices, human centered design, onboarding farmers to the platform, crop aggregation, marketing and financial literacy. Pilot supports partners in securing off-takers and guides them through the process as part of the learning. Pilot closes with final assessment of its readiness to be upscaled in Malawi  | Completed: Two commercial agriculture partners and financial partner engaged in providing last mile financial and extension services to smallholder farmers. Input packages distributed through commercial partners targeting 10,000 farmers, and initial training conducted to equip farmers and partners. Developed curriculum of crop-specific and financial literacy training implemented over smartphone. Program unlocked capital for non-tobacco value chains. The pilot equipped 90 Farmer Support Agents with smartphones and app training to provide education on gender equity, and paprika, soy, and groundnut value chains as income alternatives to tobacco   | Dec-18   | Oct-20           |
| Agriculture | B                             | v        | ORG Architecten En Stadsontwerpers BVBA | Design work for the Center for Agricultural Transformation in Malawi to serve as a hub for agricultural transformation and support farmers as they prepare for a time when there is less demand for leaf tobacco | Malawi  | Mobilize the resources to take on the building phase of the center with local construction firms supported by the existing build and design firms  | Design principles of the Center for Agricultural Transformation embedding the overall vision of the CAT objectives in Malawi. Detailed scoping exercise conducted to build on these principles through engagement with a variety of stakeholders. Draft design and budget submitted   | Jul-19   | Nov-19           |
| Agriculture | A                             | v        | Palladium Group Global                  | Support agricultural productivity and diversification through better management of natural resources to prepare Malawi for a time when there is less demand for leaf tobacco                                     | Malawi  | Provide bamboo seedlings, management of bamboo plots, and overall land management training to selected test areas to diversify smallholder farmer opportunities away from tobacco production   | Sourcing of planting material commenced and distribution of planting material will be scheduled throughout the planting season  | May-20   | Mar-21           |

| Pillar      | Ag/L Strategic Aim | Foundation Purposes | Organization   | Purpose   | Country  | Expected Key Deliverables  | Key Deliverables Received   | Approval | Project End Date |
|-------------|--------------------|---------------------|--|---|----------|--|---|----------|------------------|
| Agriculture | A                  | v                   | Palladium Group Global                                       | Develop and manage investment program with the aim of assisting small holder farmers transition from tobacco crop and provide them with alternate livelihoods                           | Malawi   | Support transactions towards the ultimate goal of 25,000 smallholders reached and \$75 million capital mobilized   | Developed a structure for investments in alternative crops, with the objective of creating sustainable opportunities for smallholder farmers to transition away from tobacco production. Created Transaction Advisory Support Provider (TASP) network, investor network, and client network. Ensured sustainable impact on smallholder farmer economic empowerment  | Jun-19   | Sep-21           |
| Agriculture | D                  | v                   | Qbal (Quality Belligerence)                                  | Development of tobacco control farmers focused tobacco control policy in Pakistan   | Pakistan | Background of the tobacco value chain in Pakistan and key actors, as well as the unique challenges for diversification from tobacco production   | Research report submitted to FSFW   | May-18   | Sep-18           |
| Agriculture | C                  | v                   | Rotary Club Of Lilongwe                                      | Sponsor scholarship opportunities for students to become educated about transforming the agricultural sector to help prepare for a time there is less demand for leaf tobacco in Malawi | Malawi   | Grant to Rotary Club for successful scholarship implementation and completion of studies related to agricultural systems and transformation in Lilongwe and Israel   | Students have completed or are in the process of completing their work  | Feb-19   | Dec-23           |
| Agriculture | C                  | v                   | Southern African Foundation For Agriculture & Climate Change | Transitioning Tobacco Farmers to Alternative Livelihoods in Malawi  | Malawi   | Provide summary of value chain priorities being targeted by government and development partners, as well as perceptions among farmers and stakeholders about diversification from tobacco  | Research report submitted to FSFW   | May-18   | Aug-18           |
| Agriculture | A                  | v                   | Strategic Impact Advisors                                    | Educate smallholder tobacco farmers about financial services as part of the effort to prepare them for a time when there is less demand for leaf tobacco                                | Malawi   | Outcomes measured starting in late 2020  | SIA led training for 600 rural farmers in a tobacco growing district of Malawi through three phases. SIA facilitated connections to various commercial partners and product offerings, which led to farmers opening bank and mobile banking accounts  | Jul-19   | Mar-21           |
| Agriculture | A                  | v                   | Thanthwe Holdings Limited                                    | Contribute to the expansion of protected cultivation in Malawi and neighboring countries  | Malawi   | Support greenhouse manufacturing plant, model farm, and processing plant. Owned and operated by the winner of the 2018 ATI Youth Pitch Competition, this plant will train smallholder farmers for livelihood alternatives and provide urban markets for their produce. This program will reduce the cost of greenhouse technology in Malawi and neighboring countries, and it will strengthen horticultural extension services work in livelihood alternatives | Components received and greenhouse fabrication factory under construction, with the objective of building capacity for out-growers and entrepreneurs in greenhouse production and ultimately linking them to finance. Goal is to offer over 1,750 Malawi households access to greenhouse technology at affordable prices and to catalyze alternative livelihood jobs in greenhouse production and agriculture | Jul-19   | Mar-21           |

## Health, Science, and Technology

- A. Multi-year research programs underway, with output published and being used to inform policy and regulations
- B. Research centers established in priority countries, strengthening local research capability, and attracting new talent
- C. Investment vehicles operational, and funds deployed for innovating cessation tools, and improving access to cessation and reduced-risk products
- D. First issues of country-level tobacco & nicotine atlases, used by policymakers, researchers, and other stakeholders

## Agriculture and Livelihoods

- A. Viable models ready to be scaled, based on pilots and new investment mechanisms
- B. Center for Agricultural Transformation created with active researchers
- C. Grants awarded, with new tobacco-specialized and local scientists joining
- D. Some policy reforms in action, with legislation drafted
- E. First improved nutritional outcomes, improving national food security indicators

## Industry Transformation

- A. First issues of the Tobacco Transformation Index live, with top 15-25 global companies surveyed
- B. Engagements with Institutional Investors, first drafts of engagement strategies and oversight measurement objectives
- C. Reviews of indexing outputs with investors/policymakers and industry
- D. First structured investors' engagements with tobacco industry, communicating through right platforms
- E. Initial counter-marketing campaigns underway, based on Index data

## SMOKE-FREE PURPOSES

- i. make grants and other distributions to academic, health-related, research and science centers and institutions and other collaborating centers and institutions, and to scientists and health-related experts, to support research and projects regarding alternatives to cigarettes and other combustible tobacco products and how to best achieve a smoke-free world and advance the field of tobacco harm reduction,
- ii. fund global research initiatives and publish reports regarding, among other things, the attitudes, and opinions of the public towards tobacco harm reduction,
- iii. fund scientific verification studies to assess the impact of smoke-free and reduced risk products on public health outcomes and how such products affect the general population,
- iv. scrutinize, comment on, and inform the public regarding the activities of the tobacco industry, other commercial entities and other stakeholders which may have an impact, either positive or negative, on achieving a smoke-free world and advancing the field of tobacco harm reduction,
- v. research the effect of the reduced demand for leaf tobacco on farmers and other stakeholders and explore and promote sustainable agricultural and nutritional alternatives for tobacco farmers, tobacco land and other stakeholders,
- vi. research sustainability issues and solutions related to management of smoke-free and reduced risk products-related waste and materials,
- vii. conduct global conferences, forums, panels, and similar programs to focus on the evolving science regarding alternatives to cigarettes and other combustible tobacco products and how to best realize a smoke-free world.