# Appendices

# Appendix A

The Collected policy documents, their full citations and assigned codes.

**Table5:** Citation of the Collected Policy Documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document Title | Assigned Code | | Citation | |
| *Education and Vision 2030* | | P1 | Ministry of Education. (2019). *Education and Vision 2030.* Retrieved 12 January from <https://www.moe.gov.sa/en/Pages/vision2030.aspx> | |
| *National Transformation Program* | | P2 | Vision 2030 Committee. (2018). *National Transformation Program.* <http://www.arabia-saudita.it/files/pages/2014/05/ntp_en.pdf> | |
| *First Voluntary National Review Kingdom of Saudi Arabia* | | P3 | The Council of Economic and Development Affairs. (2018). *First Voluntary National Review Kingdom of Saudi Arabia*. <https://bit.ly/3hjYNzs> | |
| *The National Environmental Strategy* | | P4 | Ministry of Water and Agriculture. (2017). *The National Environmental Strategy*. <https://rb.gy/u07u4m> | |
| *Vision 2030* | | P5 | The Council of Economic and Development Affairs (CEDA). (2016). Vision 2030. <https://www.vision2030.gov.sa/media/rc0b5oy1/saudi_vision203.pdf> | |
| *KSA Vision 2030 Strategic Objectives and Vision*  *Realization Programs* | | P6 | Vision 2030 Committee.(n.d). *KSA Vision 2030 Strategic Objectives and Visio Realization Programs*. Retrieved 20 March 2021 from <https://bit.ly/2DcYIyM> |  |

# Appendix B

Collected articles their coding and full citations

***Table 6:*** Collected Articles, Full Citations and Number of Co-occurrences

|  |  |  |
| --- | --- | --- |
| **Article title and citation** | **Assigned code** | **Number of**  **Co-occurrences** |
| Custodian of the Two Holy Mosques Chairs Cabinet's Session. (2018, December 4). Al Riyadh. https://bit.ly/3gPpDC9 | N1 | 0 |
| UNESCO NGO Global Forum to be hosted in Saudi Arabia by MiSK.(2017, April 12). Al Riyadh. https://bit.ly/35PsvZu | N2 | 2 |
| Saudi Arabian delegation holds UNESCO reception in Paris. (2019, November 14). *Arab News.* <https://www.arabnews.com/node/1584216/saudi-arabia> | N3 | 1 |
| Vision 2030 will take Saudi Arabia into the future, standing on the foundations of the past. (2017, September 23). *Arab News.* <https://www.arabnews.com/node/1165901/saudi-arabia> | N4 | 0 |
| We seek to improve quality of teaching, Saudi education minister tells UNESCO meeting.(2019, November 14). *Arab News.*https://www.arabnews.com/node/1583821/saudi-arabia | N5 | 0 |
| Saudi Arabia determined to meet development goals Vision 2030, UN SDGs. (2018, October 18). *Arab News.*https://www.arabnews.com/node/1692721 | N6 | 0 |
| MiSK Global Forum to explore youth entrepreneurship, innovation. (2016, November 14). *Arab News.* <https://www.arabnews.com/node/1010416/saudi-arabia> | N7 | 1 |
| Campaign launched against plastic pollution in Saudi Arabia. (2018, November 6). *Arab News.* <https://www.arabnews.com/node/1405981/saudi-arabia> | N8 | 1 |
| Big education push for Madinah. (2016, June 24). *Arab News.* <https://www.arabnews.com/node/944251/saudi-arabia> | N9 | 1 |
| Awareness drive to update Saudi students over water scarcity. (2018, August 31). *Arab News.* <https://www.arabnews.com/node/1364871/saudi-arabia> | N10 | 2 |
| UNESCO forum concludes with an eye on sustainable development. (2017, May 5). *Arab News.*  <https://www.arabnews.com/node/1094676/saudi-arabia> | N11 | 3 |
| Saudi Arabia confirms its achievement of UN sustainable goals. (2017, May 29). *Arab News.* <https://www.arabnews.com/node/1106786/saudi-arabia> | N12 | 0 |
| Vision 2030’s alignment with UN goals bodes well for future. (2018, October 18). *Arab News.*  https://www.arabnews.com/node/1389701 | N13 | 1 |
| Saudi girl scouts attend 24th US jamboree. (2019, July 31). *Arab News.*  <https://www.arabnews.com/node/1533706/corporate-news> | N14 | 1 |
| Saudi Arabia committed to achieving sustainable development goals, says envoy to UN. (2019, July 21). *Arab News.*  <https://www.arabnews.com/node/1528436/saudi-arabia> | N15 | 0 |
| Saudi Arabia ‘meets key goals in sustainable development’. (2018, April 15). *Arab News.*  <https://www.arabnews.com/node/1285346/saudi-arabia> | N16 | 0 |
| KSA’s first national review of sustainable goals. (2018, July 14). *Arab News.* <https://www.arabnews.com/node/1338971/saudi-arabia> | N17 | 0 |
| Saudi Arabia’s Misk partners with UN on youth empowerment. (2018, September 26). *Arab News.*  <https://www.arabnews.com/node/1378091/saudi-arabia> | N18 | 1 |
| A Saudi school with top marks for sustainability. (2019, April 04). *Arab News.*https://www.arabnews.com/node/1477426/saudi-arabia | N19 | 3 |
| Saudi Arabia: Good Quality Education Is Core for Achieving Sustainable Development. (2017, October 11). *AlSharq Al-Awsat*. <https://bit.ly/3gR36VR> | N 20 | 1 |
| Custodian of the Two Holy Mosques Chairs Cabinet's Session. (2019, November 19). *Saudi Press Agency.* https://bit.ly/2TSpOUp | N21 | 1 |
| Significance of Sustainability and Sustainable Development Goals (SDGs) in the Kingdom of Saudi Arabia. (2018, July 13). *Saudi Press Agency.* https://bit.ly/3qkia16 | N 22 | 0 |
| Saudi Press: KSA's Vision 2030 In Education. (2019, August 1). *Saudi Press Agency.* https://bit.ly/3j7OOl7 | N 23 | 0 |
| Crown Prince addresses the UN general assembly 3 New York. (2016, September 21). *Saudi Press Agency.* https://bit.ly/3xQCZUm | N 24 | 0 |
| Saudi Press: Saudi Arabia and Sustainable Development Goals 2030. (2020, February 19). *Saudi Press Agency.* https://bit.ly/2UtfFOd | N 25 | 1 |
| Kingdom of Saudi Arabia's address at Economic and Social Council Forum. (2017, May 28). *Saudi Press Agency.*  https://bit.ly/3zSvSwy | N 26 | 0 |
| Kingdom confirms that it will always work in partnership with UN and international community to achieve 2030 Sustainable Development Goals. (2020, February 14).  *Saudi Press Agency.* https://bit.ly/3gZfeD0 | N 27 | 0 |

**Appendix C**

The identified instances, and the assigned engagement score in policy documents and news articles.

**Table 7:** Identified Instances (Highlighted) in Policy Documents and the Integration Plan Scores

|  |  |  |
| --- | --- | --- |
| **P #** | **Identified Instances** | **The assigned score** |
| P3 | A Royal Order was issued to include the SDGs into education curricula. (p.24). | 1 |
|  | Since the official launch of the 17 SDGs and the 2030 Agenda for Sustainable Development, Saudi Arabia has been keen to build national frameworks to achieve the goals. SDG 4 features prominently in the Ministry of Education strategy and in related initiatives and projects (p.25). | 0 |
|  | The following is an overview of key efforts by the Ministry of Education to implement SDG 4:  A National Committee has been set up to track the implementation of SDG 4. The committee leads efforts, develops plans and implements initiatives. It also supports competent agencies in implementing other education–related sustainable development goals (p.53). | 1 |
|  | Structure of Education Curricula Standard:  Curricular Priority:  - Responsible citizenry  - Kingdom’s stature and leading role  - Sustainable development  Values:  Responsible citizenry  - Kingdom’s stature and leading role  - Sustainable development (p. 59) . | 1 |
| P4 | Strategic Initiatives: (of (the National Environmental Strategy)  - Raising Environmental Awareness in the Kingdom  - Development of Environmental Education  - Development of a Reliable Network of Environmental NGOs  - Development and Roll Out of an Environmental R&D Strategy  - Operational Excellence in Biodiversity and Wildlife Research Centers (p. 63). | 2 |
|  | Main outcomes from the strategy (the National Environmental Strategy)  - Awareness, Education, Innovation  - Raise environmental awareness throughout:  - the KSA society  - Generalize environmental education  - Innovate in environment and Meteorology. (p.64) | 2 |
|  | Roadmap for strategy implementation:  1-Build the foundation of the environment sector:  *(Year 1 till Year3)*  Implement the initiatives aiming to:  apply the new institutional setting, develop comprehensive environmental regulations and meteorology regulations, enable environmental compliance monitoring, build an environmental database and define the baseline, restructure work procedures, develop human capabilities, adopt state-of-the-art technologies for environmental monitoring, initiate the development of KSA’s wildlife and vegetation cover, raise awareness, drive environmental education, and enhance meteorological services  (p.66) | 2 |

**Table 8:** Identified Instances (Highlighted) in News Articles and the Integration Plan Scores

|  |  |  |  |
| --- | --- | --- | --- |
| **N #** | | **Identified Instances** | **The Assigned Score Value** |
| N2 | | Through keynote speakers, panel discussions and breakout sessions, the forum will focus on skills and knowledge necessary to prepare young people to live in globalized societies, youth volunteering at local and international level, youth, media and new technologies: enabling critical thinking and skills for young people's active participation, social networks: are they an asset or risk, education for sustainable development provided by youth organizations, including climate change, protection and conservation of cultural heritage: youth engagement in the protection and conservation of tangible and intangible cultural heritage. | 2 |
| N3 | | Today, we see the Kingdom’s Vision 2030 objectives coincide with UNESCO’s mission through the Kingdom’s keenness to support educational, cultural and scientific projects around the world because of its regional and international status, and its roles in strengthening relations between Arab and Islamic countries and the global agenda for sustainable development in the organization’s educational, cultural and scientific fields, Al-Asheikh said in his speech | 1 |
| N7 | | the two-day forum will focus on entrepreneurship and innovation issues covering 16 areas including education, leadership and planning, human development, sustainable development, PR, media, | 1 |
| N8 | | MiSK Global Forum (MGF 2016), an initiative to empower the Arab youth to become global citizens and to lead the way for the sustainable development of the Kingdom will open here on Tuesday  Al-Humaidan said: “Jeddah University accords a great deal of attention to environmental education as a promoter of quality of life.” | 2 |
| N9 | | Minister of Education Ahmed Al-Issa said King Salman had specifically arrived in Madinah during the holy month to follow up on service delivery and review the implementation of important projects, which were vital for the region’s sustainable development. | 1 |
| N10 | | The NWC signed a Memorandum of Understanding (MoU) with Tatweer for planning an awareness campaign and educational program to create a water conservation culture among Saudis  Al-Zughaibi said the partnership will succeed in achieving the aims and objectives of this initiative. “There will be an educational program for preventing counter-productive water habits,” he added. | 2 |
| N11 | | Addressing forum participants, Ahmad bin Muhammad Al-Essa, minister of education, said that Saudi schools and universities have made direct initiatives that made a difference in supporting the educational process, while depending on individual efforts filled with ambition to achieve a bright future for the present and future generations.  Al-Essa noted the positive role of these initiatives that coincide with the ministry’s plans and policies that focus on issues that are of interest to the society such as the environment, water resources, desertification and sustainable development.  He said the environment of education is adequate to research many of the issues that are of concern to the international community. He expressed the ministry’s readiness to cooperate with NGOs in seeking solutions to the issues related to environment and sustainable development within the framework of the Kingdom’s efforts in that regard. | 2 |
| N13 | | Additionally, the Kingdom has always focused on the development of education, so a royal order was issued to bring the SDGs into education curricula. Work is in progress toward this end, led by the Ministry of Education, in partnership with public and private stakeholders. | 1 |
| N14 | | We are pleased to see contingents from Saudi Arabia, the GCC, and around the world participating in the jamboree, and for the support of Alwaleed Philanthropies to engage young people in education for peace and sustainable development | 1 |
| N18 | | The Saudi-UN partnership aims to reach and mobilize about 50 million young people around the world in support of the sustainable development goals (SDG), via a series of meetings and forums as part of the UN’s Strategy for Youth. The UN’s SDG program is a set of targets for future development, ranging from the elimination of hunger and poverty, through education and gender equality, to action on climate change and energy. It coincides with Saudi Arabia’s own Vision 2030 strategy in many respects. | 2 |
| N19 | | From solar panels to recycling water, a Saudi school is instilling vital sustainability practices in its students from a young age.  uses the approach of an “integrated education for sustainability,  As such, we’ve established a student-led committee that’s empowered to implement sustainability strategies, supported by a ring-fenced budget that students themselves are responsible for using.”  arlier this year, a group of five Year 11 students came up with an innovative proposal to create sustainable energy sources for BISR. Their entry was chosen, as part of the Zayed Sustainability Prize, in the top 18 out of 2,101 worldwide entries.  There are in fact several sustainability projects rather than just one, as the students are working on several fronts including recycling, energy, water and biodiversity | 3 |
| N 20 | | Ghunaim said that Saudi Arabia pays great attention to education and the provision of good quality of education for all as a basis for improving people’s lives and achieving sustainable development. | 1 |
| N21 | | Minister of Media, Turki bin Abdullah Al-Shabanah, said in a statement to the Saudi Press Agency that the Cabinet pointed to the Kingdom's affirmation at the meeting of the United Nations Educational, Scientific and Cultural Organization (UNESCO) in Paris, of its commitment with other countries in the region on the agenda of 2030 UNESCO, through the fourth goal of sustainable development in education, … | 1 |
| N 25 | Saudi Cabinet affirmed yesterday the importance of achieving the sustainable development goals 2030 for a prosperous present and bright future for next generations, reviewing Saudi Arabia's providing of solutions in housing programs, education and healthcare.. | | 1 |

*Note:* Only instances with score 1 or higher are included in this table.