Examples of technologies to combat soil erosion from **WOCAT**:  

1) **Soil erosion by water**
<table>
<thead>
<tr>
<th>Technology code</th>
<th>Country</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUS02</td>
<td>AUS</td>
<td>No-till with controlled traffic</td>
<td>This controlled traffic, no-till farming system (CT/NT) is practiced on a 1,900 ha farm on the broad...</td>
</tr>
<tr>
<td>AUS03</td>
<td>AUS</td>
<td>Green cane trash blanket</td>
<td>Under conventional production systems, sugar cane is burnt before being harvested. This reduces the ...</td>
</tr>
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<td>AUS</td>
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<tr>
<td>BAN01</td>
<td>BAN</td>
<td>Hill Agroforestry</td>
<td>On upper part of the slope natural forest tree species were allowed to grow and lower part with bamb...</td>
</tr>
<tr>
<td>BAN02</td>
<td>BAN</td>
<td>Multipurpose Earthen Dam</td>
<td>The embankment is situated in the narrowest part of the valley using soil from nearby areas. Eart...</td>
</tr>
<tr>
<td>BAN04</td>
<td>BAN</td>
<td>Valley floor paddy terraced cultivation</td>
<td>This technology is designed to maximize the land utilization through rice cultivation on terraced va...</td>
</tr>
<tr>
<td>BEL1</td>
<td>BEL</td>
<td>Non-inversion shallow cultivation</td>
<td>The technology consists of agronomic measures. The most important thing is that the farmers are not ...</td>
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<tr>
<td>BEL2</td>
<td>BEL</td>
<td>Non-inversion deep cultivation</td>
<td>The technology consists of agronomic measures. The most important thing is that the farmers are not ...</td>
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<td>BOL01</td>
<td>BOL</td>
<td>Barreras Vivas y Muros de Piedras para Terrazas de Formación Lenta</td>
<td>Las Barreras Vivas en general son plantaciones en hileras de pastos y forrajeros que en muchas ocasi...</td>
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<td>Muros de Piedras para Terrazas de Formación Lenta</td>
<td>Las Terrazas de Piedras de Formación Lenta (TFL) están puestas en sentido de las curvas de nivel y...</td>
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<td>Gully control and catchment protection</td>
<td>The focus of the case study is a degraded catchment, located at high altitude (2,800–4,200 m a.s.l)...</td>
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<td>BOL05</td>
<td>BOL</td>
<td>Diques de madera (tipo Krainer)</td>
<td>En las cabeceras de las cárcavas se ubican los arroyos que causan la ampliación de las cárcavas. ...</td>
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<td>BOL06</td>
<td>BOL</td>
<td>Diques de piedras</td>
<td>En las cabeceras de las cárcavas se ubican los arroyos que causan la ampliación de las cárcavas. ...</td>
</tr>
<tr>
<td>BOL06</td>
<td>BOL</td>
<td>Diques de piedras</td>
<td>En las cabeceras de las cárcavas se ubican los arroyos que causan la ampliación de las cárcavas. ...</td>
</tr>
<tr>
<td>BOL07</td>
<td>BOL</td>
<td>Estabilización de taludes (biorampas)</td>
<td>En los taludes laterales de los arroyos y cauces ocurren deslizamientos, derrumbes y erosión en cá...</td>
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<td>BOL08</td>
<td>BOL</td>
<td>Zanjas de Coronación</td>
<td>En las cabeceras alrededor de las cárcavas se excava zanjas y se construye Barreras Vivas (vea QTBO...</td>
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<td>BOL09</td>
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<tr>
<td>BRK002e</td>
<td>BRK</td>
<td>Parkland Agroforestry System</td>
<td>For the rural people in the Sahel, parkland trees are multipurpose: they are a grocery shop, a pharm...</td>
</tr>
<tr>
<td>BRK002f</td>
<td>BRK</td>
<td>Système des parcs agroforestiers</td>
<td>Pour les populations rurales du Sahel, les arbres des parcs ont de multiples fonctions : ils leur se...</td>
</tr>
<tr>
<td>BRK003e</td>
<td>BRK</td>
<td>Assisted Natural Regeneration</td>
<td>Assisted natural regeneration, as promoted by newTree in Burkina Faso, starts with enclosing 3 ha of...</td>
</tr>
<tr>
<td>BRK003f</td>
<td>BRK</td>
<td>Régénération naturelle assistée de terres dégradées</td>
<td>La régénération naturelle assistée, développée par New Tree au Burkina Faso, commence par la p...</td>
</tr>
<tr>
<td>BRK10e</td>
<td>BRK</td>
<td>Composting associated with planting pits</td>
<td>Compost is produced in shallow pits, approximately 20 cm deep and 1.5 m by 3 m wide. During November...</td>
</tr>
<tr>
<td>BRK10f</td>
<td>BRK</td>
<td>Le compostage associé aux trous de plantation</td>
<td>Le compost est produit dans des fosses peu profondes, d'environ 20 cm de profondeur, 1.5 m de larg...</td>
</tr>
<tr>
<td>CHN09</td>
<td>CHN</td>
<td>Orchard Rehabilitation</td>
<td>There is sufficient rainfall in this area and runoff often destroys the existing terraces causing m...</td>
</tr>
<tr>
<td>CHN10</td>
<td>CHN</td>
<td>Longan, Plum interplanting</td>
<td>The technology is to interplant fruit trees in orchard so as to prevent water loss and soil erosion....</td>
</tr>
<tr>
<td>CHN12</td>
<td>CHN</td>
<td>Comprehensive Development &amp; Management of a Small Watershed</td>
<td>Based on the national conditions and soil and water loss in the area, the corresponding SWC measures...</td>
</tr>
<tr>
<td>CHN21</td>
<td>CHN</td>
<td>Orchard terraces with bahia grass cover</td>
<td>In this case study orchards were established between 1991 and 1992 on degraded and unproductive hill...</td>
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<td>CHN40</td>
<td>CHN</td>
<td>Zero Tillage</td>
<td>No tillage with residual mulching is developed to minimally disturb soil structure, directly to sow ...</td>
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<tr>
<td>CHN41</td>
<td>CHN</td>
<td>Subsoiling</td>
<td>Subsoiling with mulching is one of the conservation tillage technology, it is too deep till to loose...</td>
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<tr>
<td>CHN42</td>
<td>CHN</td>
<td>Auto-Flowing Slurry Dam</td>
<td>Falling water filled dams distribute widely in the middle reaches of the Yellow River, they are used...</td>
</tr>
<tr>
<td>CHN45</td>
<td>CHN</td>
<td>Zhuanglang loess terraces</td>
<td>The Loess Plateau in north-central China is characterised by very deep loess parent material (up to...</td>
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<tr>
<td>CHN46</td>
<td>CHN</td>
<td>Small Watershed Comprehensive Development</td>
<td>Over several decades of SWC practices, a successful experience of SWC has been concluded, that is Sm...</td>
</tr>
<tr>
<td>CHN47</td>
<td>CHN</td>
<td>Check Dam</td>
<td>Check dams are built in the gully systems to harvest water and sediment. Usually many check dams are...</td>
</tr>
<tr>
<td>CHN49</td>
<td>CHN</td>
<td>Caragana Korshinskii Planting a kind of SWC vegetative technology</td>
<td>Caragana korshinskii is a kind of perennial and drought resistant shrub being used to protect soil f...</td>
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</tr>
<tr>
<td>CHN50</td>
<td>CHN</td>
<td>Terrace</td>
<td>A terrace has a raised bank of earth or stone with vertical or sloping sides and a approximately ...</td>
</tr>
<tr>
<td>CHN52</td>
<td>CHN</td>
<td>Check dam for land</td>
<td>The check dam is a small dam designed to reduce flow velocity, control soil erosion, and allow to se...</td>
</tr>
<tr>
<td>COL02s</td>
<td>COL</td>
<td>Silvoagricultura</td>
<td>La tecnología se aplica en un área (lotes) limitada de 64 por 64 metros en promedio, en tierras de...</td>
</tr>
<tr>
<td>COL1</td>
<td>COL</td>
<td>Manejo ecológico de laderas</td>
<td>A través de un manejo integral orgánico de los suelos de ladera se pretende recuperar la fertilidad...</td>
</tr>
<tr>
<td>COS01</td>
<td>COS</td>
<td>Agrosilvicultura con café orgánico</td>
<td>El sistema agrosilvicultura orgánica pretende disminuir la pérdida del suelo, mejorar la infiltrac...</td>
</tr>
<tr>
<td>COS02e</td>
<td>COS</td>
<td>Shade-grown coffee</td>
<td>Shade-grown coffee is a traditional and complex agroforestry system where coffee is associated with ...</td>
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<td>COS02s</td>
<td>COS</td>
<td>Café arbolado</td>
<td>Características importantes: 1. Sistemas de siembra de café a contorno (para evitar la erosión de...</td>
</tr>
<tr>
<td>CPV006f</td>
<td>CPV</td>
<td>Barrières végétales d’Aloe vera</td>
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<td>CPV</td>
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<td>Technical vegetative as the planting of large trees at the top of the slopes. The stock is made with...</td>
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<td>CPV</td>
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<td>Technical vegetative as the planting of large trees at the top of the slopes. The stock is made with...</td>
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<td>CPV06e</td>
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<td>Aloe Vera Life Barriers</td>
<td>Aloe Vera is a durable herbaceous plant which is planted in the...</td>
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<td>CPV</td>
<td>Aloe Vera Life Barriers</td>
<td>Aloe Vera is a durable herbaceous plant which is planted in the form of life barriers to recover degraded areas.</td>
</tr>
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<td>ERI002e</td>
<td>ERI</td>
<td>Afforestation and Hillside Terracing</td>
<td>In the early 1990s a large area was treated in the Toker catchment, northwest of Asmara. The first s...</td>
</tr>
<tr>
<td>ERI002f</td>
<td>ERI</td>
<td>Boisement et terrasses de coteaux</td>
<td>Au début des années 1990, une grande surface a été traitée dans le bassin versant de Toker, au ...</td>
</tr>
<tr>
<td>ETH009f</td>
<td>ETH</td>
<td>Terrasses en banquettes Konso</td>
<td>Les terrasses en banquettes traditionnelles Konso sont établies grâce à la construction de talus ...</td>
</tr>
<tr>
<td>ETH01</td>
<td>ETH</td>
<td>Trashlines</td>
<td>Trashlines are constructed seasonally by the family members using maize and/or sorghum straws. It has...</td>
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<tr>
<td>ETH016f</td>
<td>ETH</td>
<td>Amélioration des pâturages</td>
<td>Cette étude de cas se concentre sur les hautes terres humides à forte densité de population d’...</td>
</tr>
<tr>
<td>ETH04</td>
<td>ETH</td>
<td>Hillside Terracing</td>
<td>Hillside terraces are up to 1 metre wide and constructed at about 2-5 m vertical intervals. Hillside t...</td>
</tr>
<tr>
<td>ETH08</td>
<td>ETH</td>
<td>stone bund</td>
<td>stone bunds, height 0.5 m to 2.5 m, base width 1m to 1.5 m, top width 0.2 m to 1 m (top width mainly...</td>
</tr>
<tr>
<td>ETH09</td>
<td>ETH</td>
<td>Konso Bench</td>
<td>It is traditional SWC practice whose wall is constructed from stones, and the wall is supported by ...</td>
</tr>
<tr>
<td>ETH10</td>
<td>ETH</td>
<td>Trashlines</td>
<td>Trashlines are formed of sorghum, maize or teff straw placed in to form a rectangular basin. The mai...</td>
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<tr>
<td>ETH11</td>
<td>ETH</td>
<td>Multiple Cropping</td>
<td>Growing of different types of crops in the same field. The crops grown together are, however, harve...</td>
</tr>
<tr>
<td>ETH13</td>
<td>ETH</td>
<td>Area closure</td>
<td>The degraded land is closed from human and animal interferences for at least 3-5 years. Inorder to en...</td>
</tr>
<tr>
<td>ETH14</td>
<td>ETH</td>
<td>Stone faced soil bund of Tigray</td>
<td>Description: Along the contour 30 cm width and 420 cm depth of foundation is excavated and stones ar...</td>
</tr>
<tr>
<td>ETH15</td>
<td>ETH</td>
<td>Stone faced trench bund</td>
<td>Description: digging of foundation, stone wall construction of 60-80 m, digging of trench along the c...</td>
</tr>
<tr>
<td>ETH16</td>
<td>ETH</td>
<td>Grass Land Improvement</td>
<td>Description: It is an activity which increases the productivity of grasslands through the use of ex...</td>
</tr>
<tr>
<td>ETH17</td>
<td>ETH</td>
<td>Homestead Development</td>
<td>It involves the practicing of various farming practices in order to increase the productivity of land...</td>
</tr>
<tr>
<td>ETH18</td>
<td>ETH</td>
<td>Stone faced trench</td>
<td>alignment of the soil along the contour, digging of foundation, trench construction, spacing tie ri...</td>
</tr>
<tr>
<td>ETH19</td>
<td>ETH</td>
<td>Stone bund of Tigray</td>
<td>Description: construction of stone bunds along the contour to reduce soil erosion, conserve moisture...</td>
</tr>
<tr>
<td>ETH20</td>
<td>ETH</td>
<td>Boreda Soil Bund</td>
<td>A structure constructed across the slope along the contour with...</td>
</tr>
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<td>Technology code</td>
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<tr>
<td>ETH21</td>
<td>ETH</td>
<td>Hararghie Soil Bund</td>
<td>Soil bund is an earth embankment constructed along the contour inorder to avoid runoff down slope an...</td>
</tr>
<tr>
<td>ETH22</td>
<td>ETH</td>
<td>Ridge bund</td>
<td>Ridge bund is an earth embankment constructed along the contour inorder to control runoff. The techn...</td>
</tr>
<tr>
<td>ETH23</td>
<td>ETH</td>
<td>Area Closure for Rehabilitation of Degraded Hillsides</td>
<td>The area is closed until the conditions are improved by revegetation and constructing structural mea...</td>
</tr>
<tr>
<td>ETH24</td>
<td>ETH</td>
<td>Stone faced level bund</td>
<td>Description:- is constructed from soil embankment at the upper part. The layer of regular shaped st...</td>
</tr>
<tr>
<td>ETH25</td>
<td>ETH</td>
<td>Area closure for rehabilitation</td>
<td>Area closure involves the protection and resting of severely degraded land to restore its productive...</td>
</tr>
<tr>
<td>ETH25</td>
<td>ETH</td>
<td>Area closure for rehabilitation</td>
<td>Area closure involves the protection and resting of severely degraded land to restore its productive...</td>
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<tr>
<td>ETH25</td>
<td>ETH</td>
<td>Area closure for rehabilitation</td>
<td>Area closure involves the protection and resting of severely degraded land to restore its productive...</td>
</tr>
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<td>ETH26</td>
<td>ETH</td>
<td>Improved grazing land management</td>
<td>This case study focuses on the highly populated, humid highland regions of Ethiopia that experience ...</td>
</tr>
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<td>ETH26</td>
<td>ETH</td>
<td>Improved grazing land management</td>
<td>This case study focuses on the highly populated, humid highland regions of Ethiopia that experience ...</td>
</tr>
<tr>
<td>ETH27</td>
<td>ETH</td>
<td>Dawa-Cheffa Traditional Checkdam</td>
<td>The technology is known by the farmers for more than a century. Since the area is highly affected by...</td>
</tr>
<tr>
<td>ETH28</td>
<td>ETH</td>
<td>Dejen Stone Bund</td>
<td>It is a stone wall stabilized with grasses and fodder plant species. Its main purpose is moisture har...</td>
</tr>
<tr>
<td>ETH29</td>
<td>ETH</td>
<td>Graded Soil bund</td>
<td>The technology consists of an embankment of soil across the slope, cutoff drains constructed at a gi...</td>
</tr>
<tr>
<td>ETH30</td>
<td>ETH</td>
<td>level bund with double stone walls</td>
<td>Two level rows of stones are piled up and the space between them is filled up with soil. Grass is gr...</td>
</tr>
<tr>
<td>ETH31</td>
<td>ETH</td>
<td>traditional cut-off drain</td>
<td>The ditch is dug into the steep land, into the soil. The lowest side is usually laid out with stone...</td>
</tr>
<tr>
<td>ETH32</td>
<td>ETH</td>
<td>Stone Faced Soil Bund of South Gonder</td>
<td>The technology is used in areas where there is no sufficient amount of stone and when the soil depth...</td>
</tr>
<tr>
<td>ETH33</td>
<td>ETH</td>
<td>Stablized Stone Faced Soil Bund</td>
<td>The stabilized bund is constructed on farm land in order to reduce slope length, angle and there by c...</td>
</tr>
<tr>
<td>ETH34</td>
<td>ETH</td>
<td>DireDawaTraditional Checkdam</td>
<td>It is an embankment placed in the gully. It is constructed with stones. The purpose is to conserve a...</td>
</tr>
<tr>
<td>ETH36</td>
<td>ETH</td>
<td>Sorghum Terrace of Diredawa (STD)</td>
<td>Sorghum terrace of Diredawa locally called as Daga is constructed by placing stone walls across a sl...</td>
</tr>
<tr>
<td>ETH38</td>
<td>ETH</td>
<td>Sweet Potato Ridge</td>
<td>Sweet potato ridge are constructed from the soil dug out of the furrow. Farmers make the furrow and ...</td>
</tr>
<tr>
<td>ETH39</td>
<td>ETH</td>
<td>Earth checks for Gully reclamation</td>
<td>Active deep gullies are plugged by digging earth from the bottom as well as gully sides and embanked...</td>
</tr>
<tr>
<td>ETH39</td>
<td>ETH</td>
<td>Earth checks for Gully reclamation</td>
<td>Active deep gullies are plugged by digging earth from the bottom as well as gully sides and embanked...</td>
</tr>
<tr>
<td>ETH40</td>
<td>ETH</td>
<td>Rehabilitation of degraded lands</td>
<td>The SWC technology comprises a combination of measures, which include agronomic, vegetative, structu...</td>
</tr>
<tr>
<td>ETH41</td>
<td>ETH</td>
<td>Desho Grass Soil Bund</td>
<td>Desho grass is established by planting tillered cuttings. It...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
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</tr>
<tr>
<td>ETH42</td>
<td>ETH</td>
<td>Rehabilitation of Degraded Lands (Area closure)</td>
<td>Area closure is suitable for degraded lands. Degraded areas are excluded from animal and human conta...</td>
</tr>
<tr>
<td>ETH43</td>
<td>ETH</td>
<td>Soil Bund with Contour Cultivation</td>
<td>Applied on different land uses on slope of more than 3%. This practice is widely used by farmers in ...</td>
</tr>
<tr>
<td>ETH44</td>
<td>ETH</td>
<td>Vegetated Fanya juu</td>
<td>The technology is integrated with cutoff drain, stabilized by grass and trees and also integrated with...</td>
</tr>
<tr>
<td>ETH46</td>
<td>ETH</td>
<td>Haraghi Stone Bund</td>
<td>The technology is widely used by farmers in the area and also widely practiced. The structure is bui...</td>
</tr>
<tr>
<td>ETH47</td>
<td>ETH</td>
<td>Haraghi Stone Faced Soil Bund</td>
<td>It is a structural measure constructed from stone and soil and aligned along the contour. The struct...</td>
</tr>
<tr>
<td>ETH48</td>
<td>ETH</td>
<td>Stone-faced Soil Bund Stabilized with Grass</td>
<td>Stone-faced soil bund is constructed during the dry period when the field is free from crops (after ...</td>
</tr>
<tr>
<td>ETH49</td>
<td>ETH</td>
<td>Soil bund &amp; Fanya Juu combined &amp; vegetated</td>
<td>Soil bund and Fanya Juu constructed in combination in a microwatershed for retaining maximum possibl...</td>
</tr>
<tr>
<td>ETH50</td>
<td>ETH</td>
<td>Gully Rehabilitation</td>
<td>A checkdam constructed from stone, wood or branches of trees. It has an average height of 1m and is ...</td>
</tr>
<tr>
<td>ETH51</td>
<td>ETH</td>
<td>Paved and grassed waterways</td>
<td>A vegetative waterway is constructed in areas where stone is not available and in gentle slopes. Pav...</td>
</tr>
<tr>
<td>GHA001e</td>
<td>GHA</td>
<td>Minimum Tillage and Direct Planting</td>
<td>The traditional slash-and-burn land use system in the case study area – involving clearing natural...</td>
</tr>
<tr>
<td>GHA001f</td>
<td>GHA</td>
<td>Façons culturales réduites et semis direct</td>
<td>La technique traditionnelle de culture sur brûlis – destruction de la végétation naturelle suiv...</td>
</tr>
<tr>
<td>GRE01</td>
<td>GRE</td>
<td>Olive groves under no tillage operations</td>
<td>Sustainable farming is defined as a land management agricultural system evolving towards greater hum...</td>
</tr>
<tr>
<td>HUN1</td>
<td>HUN</td>
<td>Conservation tillage</td>
<td>According to our understanding conventional agriculture is based on tillage and it is highly mechani...</td>
</tr>
<tr>
<td>HUN2</td>
<td>HUN</td>
<td>Conventional (contour-line and ploughing) tillage</td>
<td>The basis of the technology is the annual autumn ploughing. The ploughing and all other cultivation ...</td>
</tr>
<tr>
<td>IND02</td>
<td>IND</td>
<td>Silvi Pasture</td>
<td>Managerial Measures : awareness generation amongst community, users groups, area closure, cut &amp; carr...</td>
</tr>
<tr>
<td>IND03</td>
<td>IND</td>
<td>Sunken streambed structure</td>
<td>Dohs are rectangular excavations in seasonal streambeds, which are intended to capture and hold runo...</td>
</tr>
<tr>
<td>IND08</td>
<td>IND</td>
<td>Farm pond</td>
<td>A farm pond comprises of excavated portions of 12 x 12 x 3 m with the steps at 0.6m depth each. The ...</td>
</tr>
<tr>
<td>IND09</td>
<td>IND</td>
<td>Holistic demonstration</td>
<td>Holistic demonstration was taken in the upper reach, middle reach and lower reach (2 hectares each) ...</td>
</tr>
<tr>
<td>IND11</td>
<td>IND</td>
<td>Integrated Farming System</td>
<td>This technology has mainly to be applied on 5 Ha.of private waste land of poor farmers to increase ...</td>
</tr>
<tr>
<td>IND12</td>
<td>IND</td>
<td>Dugout Sunken Pond with Catchment Treatment</td>
<td>(1) Total size of the project area = 4.75 Ha. (2) Different structures taken up in the project area...</td>
</tr>
<tr>
<td>IND13</td>
<td>IND</td>
<td>Dug-out sunken pond cum</td>
<td>The area is located at the foot-slopes &amp; hill slopes area where...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
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</tr>
<tr>
<td>IND13</td>
<td>IND</td>
<td>countour bund</td>
<td>run-off is at peaks very often at th...</td>
</tr>
<tr>
<td>IND14</td>
<td>IND</td>
<td>Dug-out sunken pond cum countour bund</td>
<td>The area is located at the foot-slopes &amp; hill slopes area where run-off is at peaks very often at th...</td>
</tr>
<tr>
<td>IND16</td>
<td>IND</td>
<td>Forest catchment treatment</td>
<td>Forest catchment treatment aims to achieve production and environmental benefits through a combinat...</td>
</tr>
<tr>
<td>IND17</td>
<td>IND</td>
<td>Contour &quot;V&quot; Ditch</td>
<td>V-shaped structures on contour line. The size of the V ditch varies according to slope, depth of so...</td>
</tr>
<tr>
<td>IND18</td>
<td>IND</td>
<td>Dug-Out Well</td>
<td>The area is located at the foot-slopes on the major drainage line of the watershed. The technology a...</td>
</tr>
<tr>
<td>IND19</td>
<td>IND</td>
<td>Sunken gully pits</td>
<td>Adopted in 4-8% sloped gully at an interval varying from 20 M to 30 M. Pits are dug on the upstream...</td>
</tr>
<tr>
<td>IND20</td>
<td>IND</td>
<td>Contour Trench cum Bund</td>
<td>It is a structural measure. The bund is constructed taking the excavated earth from a trench of 1.5m...</td>
</tr>
<tr>
<td>KEN005f</td>
<td>KEN</td>
<td>Terrasses enherbées fanya juu</td>
<td>Pour construire une terrasse fanya juu, il faut creuser une tranchée et jeter la terre vers le haut...</td>
</tr>
<tr>
<td>KEN016f</td>
<td>KEN</td>
<td>Système agroforestier à Grevillea</td>
<td>Grevillea robusta (le chêne soyeux australien) a d’abord été introduit en l’Inde et en Afriqu...</td>
</tr>
<tr>
<td>KEN030f</td>
<td>KEN</td>
<td>Labour de conservation à petite échelle</td>
<td>Le labour de conservation à petite échelle implique l’utilisation de charrues tirées par des...</td>
</tr>
<tr>
<td>KEN031f</td>
<td>KEN</td>
<td>Travail du sol de conservation à grande échelle</td>
<td>Le travail du sol de conservation (ou zéro labour) sur les exploitations céréalières commerciale...</td>
</tr>
<tr>
<td>KEN05</td>
<td>KEN</td>
<td>Fanya juu terraces</td>
<td>Fanya juu (‘throw it upwards’ in Kiswahili) terraces comprise embankments (bunds), which are con...</td>
</tr>
<tr>
<td>KEN10</td>
<td>KEN</td>
<td>Road runoff management - Nyeri</td>
<td>It encompasses agronomic, vegetative, structural and management aspects to minimise land degradation...</td>
</tr>
<tr>
<td>KEN10</td>
<td>KEN</td>
<td>Road runoff management - Nyeri</td>
<td>It encompasses agronomic, vegetative, structural and management aspects to minimise land degradation...</td>
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<td>KEN10</td>
<td>KEN</td>
<td>Road runoff management - Nyeri</td>
<td>It encompasses agronomic, vegetative, structural and management aspects to minimise land degradation...</td>
</tr>
<tr>
<td>KEN13</td>
<td>KEN</td>
<td>Pitting - Machakos experience</td>
<td>The pitting is started at the top of the eroded slope or below a cutoff drain which interced all run...</td>
</tr>
<tr>
<td>KEN16</td>
<td>KEN</td>
<td>Grevillea agroforestry system</td>
<td>While Grevillea robusta (the ‘silky oak’, an Australian native tree) was originally introduced f...</td>
</tr>
<tr>
<td>KEN19</td>
<td>KEN</td>
<td>Retention ditch Murang’a</td>
<td>constructed at zero gradient with closed ends, wide and deep to hold all expected runoff. The purpos...</td>
</tr>
<tr>
<td>KEN20</td>
<td>KEN</td>
<td>Kitui Sand dams</td>
<td>The dams are usually constructed where there is a rock bar in the river bed. The dam wall is raised...</td>
</tr>
<tr>
<td>KEN22</td>
<td>KEN</td>
<td>Water Harvesting and Enlarged Structures</td>
<td>A soil bund for soil erosion reduction. Achieved by excavation of ungraded channels which are used f...</td>
</tr>
<tr>
<td>KEN23</td>
<td>KEN</td>
<td>Riverbed reclamation &amp; silt trapping for sugarcane</td>
<td>Fencing off part of river bed to keep off animals. ...</td>
</tr>
<tr>
<td>KEN24</td>
<td>KEN</td>
<td>Gully Reclamation</td>
<td>Description: erosional control in a gully through physical barrier and vegetative materials. ...</td>
</tr>
<tr>
<td>KEN25</td>
<td>KEN</td>
<td>Pasture Mangt. through Removal</td>
<td>The comiphora trees are ring barked at 2 feet high for the...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
</tr>
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</tr>
<tr>
<td>KEN26</td>
<td>KEN</td>
<td>Water Table Management</td>
<td>this technology is about 10 years old. Pits of about 1m*1m are made using hoe and shovel along the...</td>
</tr>
<tr>
<td>KEN27</td>
<td>KEN</td>
<td>Gully blocking by stone checks</td>
<td>the checks are constructed across the gully at an average interval of 15 m. the checks may measure 1m...</td>
</tr>
<tr>
<td>KEN30</td>
<td>KEN</td>
<td>Small-scale conservation tillage</td>
<td>Laikipia District in Kenya is characterised by a semi-arid climate, high altitude and rolling terrai...</td>
</tr>
<tr>
<td>KEN31</td>
<td>KEN</td>
<td>Conservation Tillage for large scale cereal production, Kisima, Kenya</td>
<td>Description. Use of tractor-drawn equipment to minimise soil disturbance when growing wheat and bar...</td>
</tr>
<tr>
<td>MEX002</td>
<td>MEX</td>
<td>Land reclamation with native Agave and trees through participative action for economical benefits</td>
<td>Rehabilitation of degraded land is done using native agave (Agave inaequidens) and native (mainly) t...</td>
</tr>
<tr>
<td>MEX002</td>
<td>MEX</td>
<td>Land reclamation with native Agave and trees through participative action for economical benefits</td>
<td>Rehabilitation of degraded land is done using native agave (Agave inaequidens) and native (mainly) t...</td>
</tr>
<tr>
<td>MOR015f</td>
<td>MOR</td>
<td>Restauration de versants ravinés par la plantation d’Atriplex</td>
<td>La Parcelle expérimentale de 5000m², correspond à une jachère très ancienne devenue fortement r...</td>
</tr>
<tr>
<td>MOR15e</td>
<td>MOR</td>
<td>Rehabilitation of gullied slopes and Gully control by plantation of Atriplex</td>
<td>The experimental plot, of 5000m² size, corresponds to an old fallow strongly gullied. The gullies a...</td>
</tr>
<tr>
<td>NEP10</td>
<td>NEP</td>
<td>Traditional irrigated rice terraces</td>
<td>The level bench terrace is a traditional technology that makes irrigated crop production possible on...</td>
</tr>
<tr>
<td>NEP10</td>
<td>NEP</td>
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<td>Traditional irrigated rice terraces</td>
<td>The level bench terrace is a traditional technology that makes irrigated crop production possible on...</td>
</tr>
<tr>
<td>NEP11</td>
<td>NEP</td>
<td>Landslip and stream bank stabilisation</td>
<td>A combination of measures were implemented by a group of neighbouring families in the middle hills o...</td>
</tr>
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<td>NEP11</td>
<td>NEP</td>
<td>Landslip and stream bank stabilisation</td>
<td>A combination of measures were implemented by a group of neighbouring families in the middle hills o...</td>
</tr>
<tr>
<td>NEP11</td>
<td>NEP</td>
<td>Landslip and stream bank stabilisation</td>
<td>A combination of measures were implemented by a group of neighbouring families in the middle hills o...</td>
</tr>
<tr>
<td>NEP13</td>
<td>NEP</td>
<td>Rehabilitation of degraded communal grazing land</td>
<td>An area of heavily degraded grazing land was rehabilitated by establishing eyebrow pits to control a...</td>
</tr>
<tr>
<td>NEP14</td>
<td>NEP</td>
<td>Gully plugging using check dams</td>
<td>Check dams are small low structures built across a gully or a channel to prevent them from deepening...</td>
</tr>
<tr>
<td>NEP17</td>
<td>NEP</td>
<td>Drinking water quality improvement through conservation measures</td>
<td>This technology combines structural and vegetative measures to improve the quality of drinking water...</td>
</tr>
<tr>
<td>NEP2</td>
<td>NEP</td>
<td>Improved terraces</td>
<td>This technology addresses the soil erosion and water runoff problems associated with traditional out...</td>
</tr>
<tr>
<td>NEP2</td>
<td>NEP</td>
<td>Improved terraces</td>
<td>This technology addresses the soil erosion and water runoff problems associated with traditional out...</td>
</tr>
<tr>
<td>NIG022e</td>
<td>NIG</td>
<td>Irrigated Oasis gardens</td>
<td>In Timia Oasis in Air, small irrigated gardens (&lt; 0.3 ha) have</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
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</tr>
<tr>
<td>NIG022f</td>
<td>NIG</td>
<td>Jardins d'oasis irrigués</td>
<td>Dans l'oasis de Timia dans l'Aïr, de petits jardins irrigués (&lt;0,3 ha) sont exploités depuis ...</td>
</tr>
<tr>
<td>NIG025e</td>
<td>NIG</td>
<td>Rotational Fertilization</td>
<td>At intervals of 2-3 years the Peulh agropastoralists relocate with their livestock to a new area pre...</td>
</tr>
<tr>
<td>NIG025f</td>
<td>NIG</td>
<td>Fertilisation des sols par rotation</td>
<td>À intervalle de 2-3 ans, les agro-pastoralistes peuls se réinstallent avec leur bétail sur une no...</td>
</tr>
<tr>
<td>NIG026e</td>
<td>NIG</td>
<td>Couloirs de passage</td>
<td>The main goal of the couloirs is the prevention of conflict between agriculturalists and pastoralist...</td>
</tr>
<tr>
<td>NIG026f</td>
<td>NIG</td>
<td>Couloirs de passage</td>
<td>L'objectif principal de ces couloirs est la prévention des conflits entre agriculteurs et éleveurs...</td>
</tr>
<tr>
<td>NIG027e</td>
<td>NIG</td>
<td>Improved Well Distribution for Sustainable Pastoralism</td>
<td>Both forms of pastoralism – nomadism and transhumance – are facing increasing water and fodder a...</td>
</tr>
<tr>
<td>NIG027f</td>
<td>NIG</td>
<td>Amélioration de la distribution des puits pour un pastoralisme durable</td>
<td>Les deux formes de pastoralisme - le nomadisme et la transhumance - sont confrontées aux problèmes...</td>
</tr>
<tr>
<td>NIG02e</td>
<td>NIG</td>
<td>Planting pits and stone lines</td>
<td>The combination of planting pits (tassa) with stone lines is used for the rehabilitation of degraded...</td>
</tr>
<tr>
<td>PER01</td>
<td>PER</td>
<td>Rehabilitation of ancient terraces</td>
<td>The level bench terrace system in the Colca valley of Peru dates back to 600 years AD. Since then th...</td>
</tr>
<tr>
<td>PER01</td>
<td>PER</td>
<td>Rehabilitation of ancient terraces</td>
<td>The level bench terrace system in the Colca valley of Peru dates back to 600 years AD. Since then th...</td>
</tr>
<tr>
<td>PHI07</td>
<td>PHI</td>
<td>Multi-Storey Cropping</td>
<td>Under the maramihang pagtatanim multi-storey cropping system, perennial crops (coconut, banana, coff...</td>
</tr>
<tr>
<td>PHI09</td>
<td>PHI</td>
<td>Planted Vegetative Strips (PVS)</td>
<td>The technology was introduced in the upland corn growing areas in Isabela province. The province i...</td>
</tr>
<tr>
<td>PHI10</td>
<td>PHI</td>
<td>Stone bunds and small basins</td>
<td>This is a low-cost erosion control technology by piling stones/rocks along the contour. The spacing...</td>
</tr>
<tr>
<td>PHI11</td>
<td>PHI</td>
<td>Vetiver grass system or Vetiver grass technology</td>
<td>Vetiver grass is easy to propagate and establish as hedgerow. It is adopted to a wide range of soil...</td>
</tr>
<tr>
<td>PHI12</td>
<td>PHI</td>
<td>Rainfed paddy rice terraces</td>
<td>Terraced paddy rice on steep mountain slopes is the main method of rice cultivation in Cordillera Ad...</td>
</tr>
<tr>
<td>RSA04</td>
<td>RSA</td>
<td>Vetiver grass soil conservation system</td>
<td>Vetiver grass (Vetiveria zizanioides) is planted on the contour and also in other situations (along ...</td>
</tr>
<tr>
<td>RSA07</td>
<td>RSA</td>
<td>Rip-ploughing, oversowing</td>
<td>A pasture characterised by the unpalatable Cymbopogen plurinoides grass species was rip-ploughed to ...</td>
</tr>
<tr>
<td>RSA09</td>
<td>RSA</td>
<td>Combating of invader plants &amp; bush packing</td>
<td>The technology is applied in areas under the 'Working for Water' projects that are run by the Nation...</td>
</tr>
<tr>
<td>RSA09</td>
<td>RSA</td>
<td>Combating of invader plants &amp; bush packing</td>
<td>The technology is applied in areas under the 'Working for Water' projects that are run by the Nation...</td>
</tr>
<tr>
<td>RSA11</td>
<td>RSA</td>
<td>Water run-off control plan on cultivated land</td>
<td>Watercourse: According to the topography, one or two watercourses are needed to drain any excess ru...</td>
</tr>
<tr>
<td>RSA11</td>
<td>RSA</td>
<td>Water run-off control plan on cultivated land</td>
<td>Watercourse: According to the topography, one or two watercourses are needed to drain any excess ru...</td>
</tr>
<tr>
<td>RSA14</td>
<td>RSA</td>
<td>Gravity type inverted tyre structure</td>
<td>Gravity type inverted tyre structure is bound together with wire and filled with stone. The valley ...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
</tr>
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<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>RSA27</td>
<td>RSA</td>
<td>Wetland rehabilitation</td>
<td>Two wetland rehabilitation sites that are part of a large wetland area (15 and 10ha)....</td>
</tr>
<tr>
<td>RSA31</td>
<td>RSA</td>
<td>Gully control (gabions) at Maandaghoek</td>
<td>For the pilot project loose stones and sometimes concrete walls that work well were used. It is not...</td>
</tr>
<tr>
<td>RSA32</td>
<td>RSA</td>
<td>Rangeland Rehabilitation</td>
<td>Different techniques (mechanical: e.g. ripper, dyker plough) as well as biological (stone dams, loos...</td>
</tr>
<tr>
<td>RSA33</td>
<td>RSA</td>
<td>Agronomic &amp; vegetative rehabilitation</td>
<td>The purpose of the rehabilitation includes an increase in production potential, vegetative cover and...</td>
</tr>
<tr>
<td>RSA33</td>
<td>RSA</td>
<td>Agronomic &amp; vegetative rehabilitation</td>
<td>The purpose of the rehabilitation includes an increase in production potential, vegetative cover and...</td>
</tr>
<tr>
<td>RSA37</td>
<td>RSA</td>
<td>Revegetation and re-seeding</td>
<td>Vegetative (revegetation/re-seeding) improvement for an increase in grass production and to increase...</td>
</tr>
<tr>
<td>RSA43</td>
<td>RSA</td>
<td>Conservation Agriculture</td>
<td>The goal of conservation agriculture is to maintain and improve crop yields and at the same time pro...</td>
</tr>
<tr>
<td>RSA47</td>
<td>RSA</td>
<td>Strip mine rehabilitation by plant translocation</td>
<td>During strip mining operations the topsoil is pushed to one side by bulldozer, and stock piled. The ...</td>
</tr>
<tr>
<td>SPA01</td>
<td>SPA</td>
<td>Reduced contour tillage in semi-arid environments</td>
<td>This technology is a type of conservation tillage with minimal economical effort and adapted to semi...</td>
</tr>
<tr>
<td>SPA02</td>
<td>SPA</td>
<td>Vegetated earthen-terraces</td>
<td>Earthen-terraces are constructed by removing a superficial soil layer (~10-20cm) from one part of a ...</td>
</tr>
<tr>
<td>SPA02</td>
<td>SPA</td>
<td>Vegetated earthen-terraces</td>
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</tr>
<tr>
<td>SPA03</td>
<td>SPA</td>
<td>Organic mulch under almond trees</td>
<td>Organic mulch is applied in Almond fields to provide a permanent surface cover that protects the soi...</td>
</tr>
<tr>
<td>SPA05</td>
<td>SPA</td>
<td>Ecological production of Almonds and Olives</td>
<td>Ecological agriculture is a strictly controlled production system without the use of synthetic chemi...</td>
</tr>
<tr>
<td>SWI01</td>
<td>SWI</td>
<td>Green cover in vineyards</td>
<td>The area around Lake Biel has a strong wine growing tradition dating back several centuries. The vin...</td>
</tr>
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<td>SWI01</td>
<td>SWI</td>
<td>Green cover in vineyards</td>
<td>The area around Lake Biel has a strong wine growing tradition dating back several centuries. The vin...</td>
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<tr>
<td>SWI02</td>
<td>SWI</td>
<td>Contour small bench terraces with permanent green cover in vineyards</td>
<td>Description: The vineyards of the region are all, for micro-climatic reasons, more or less sloped. Th...</td>
</tr>
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<td>SWI02</td>
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<td>Description: The vineyards of the region are all, for micro-climatic reasons, more or less sloped. Th...</td>
</tr>
<tr>
<td>SWI03</td>
<td>SWI</td>
<td>Maize strip tillage</td>
<td>Maize strip tillage is a soil-conserving method used in crop production. First of all the grass in t...</td>
</tr>
<tr>
<td>SWI04</td>
<td>SWI</td>
<td>Maize strip tillage</td>
<td>Maize strip tillage is a soil-conservation method used in crop production. First of all the grass in...</td>
</tr>
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<td>SWI</td>
<td>Maize strip tillage</td>
<td>Maize strip tillages is a soil conservation method used in crop production. First of all the grass in ...</td>
</tr>
<tr>
<td>SWI06</td>
<td>SWI</td>
<td>Direct seeding</td>
<td>The farm portaited here is located in a hilly area near Bern. It is cooperating with an other farm i...</td>
</tr>
<tr>
<td>SWI07</td>
<td>SWI</td>
<td>Maize strip tillage</td>
<td>Maize strip tillage is a mixture between no tillage and...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
</tr>
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</tr>
<tr>
<td>SYR01</td>
<td>SYR</td>
<td>Stone Wall Bench Terraces</td>
<td>Stone wall bench terraces in the hill ranges of western Syria comprise an ancient indigenous technol...</td>
</tr>
<tr>
<td>SYR03</td>
<td>SYR</td>
<td>Furrow-enhanced runoff harvesting for olives</td>
<td>The Khanasser Valley in north-west Syria is a marginal agricultural area, with annual rainfall of ab...</td>
</tr>
<tr>
<td>SYR04</td>
<td>SYR</td>
<td>Adding Soil</td>
<td>Red soil is taken from valley fields, mines and construction work, transported to the slopes and adde...</td>
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</tr>
<tr>
<td>TAJ003e</td>
<td>TAJ</td>
<td>Orchard-based agroforestry</td>
<td>In the Faizabad region, Tajikistan, an area which is characterised by hilly topography, and deep but...</td>
</tr>
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</tr>
<tr>
<td>TAJ003r</td>
<td>TAJ</td>
<td>Агролесоводство на основе сада</td>
<td>Файзабадский район Таджикистана характеризуется холм...</td>
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</tr>
<tr>
<td>TAJ004e</td>
<td>TAJ</td>
<td>Conversion of grazing land to fruit and fodder plots</td>
<td>In the Varzob valley of Tajikistan, slopes of around 30% are used communally, and are heavily overgr...</td>
</tr>
<tr>
<td>TAJ005e</td>
<td>TAJ</td>
<td>Terrace with Tree Barrier</td>
<td>On steep and severely eroded cropland a forward sloping terrace (15% gradient) was established by mo...</td>
</tr>
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<td>TAJ</td>
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<td>On steep and severely eroded cropland a forward sloping terrace (15% gradient) was established by mo...</td>
</tr>
<tr>
<td>TAJ005r</td>
<td>TAJ</td>
<td>Терраса с защитной полосой деревьев</td>
<td>На крутом сильно подверженном эрозии склоне при помо...</td>
</tr>
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<td>Терраса с защитной полосой деревьев</td>
<td>На крутом сильно подверженном эрозии склоне при помо...</td>
</tr>
<tr>
<td>TAJ006e</td>
<td>TAJ</td>
<td>Buffer Strip on Steep Sloping Cropland</td>
<td>An grass strip, approximately 10m wide is left uncultivated across the upper part of the slope. Thi...</td>
</tr>
<tr>
<td>TAJ007e</td>
<td>TAJ</td>
<td>Orchard-based Agroforestry (intercropping)</td>
<td>The technology involves intercropping wheat in an existing apricot orchard, that was established dur...</td>
</tr>
<tr>
<td>TAJ008e</td>
<td>TAJ</td>
<td>Orchard-based Agroforestry (establishment of orchard)</td>
<td>A fruit orchard (consisting of apples, apricots, cherries, pears and nut trees) was established on d...</td>
</tr>
<tr>
<td>TAJ010e</td>
<td>TAJ</td>
<td>Drainage Ditches in Steep Sloping Cropland</td>
<td>In steep wheat fields drainage ditches are dug at 5-10m intervals to help reduce soil erosion. The d...</td>
</tr>
<tr>
<td>TAJ100e</td>
<td>TAJ</td>
<td>Rotational grazing supported by additional water points</td>
<td>When in 2009 the project started in the two watersheds of Fayzabad and Gesh in Muminabad district, t...</td>
</tr>
<tr>
<td>TAJ103e</td>
<td>TAJ</td>
<td>Growing of fodder crops on steep slopes in arid highlands</td>
<td>In 1993, in the Vanj district all land suitable for tilling was already occupied, only steep slopes ...</td>
</tr>
<tr>
<td>TAJ108r</td>
<td>TAJ</td>
<td>Полив молодого сада бутылочным способом</td>
<td>В этой технологии используются пластиковые бутылки 1,5,...</td>
</tr>
<tr>
<td>TAJ111e</td>
<td>TAJ</td>
<td>Planting of fruit trees to increase slope stabilisation.</td>
<td>This technology involved the planting of several varieties of native fruit trees to help stabilise s...</td>
</tr>
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<td>TAJ</td>
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<td>This technology involved the planting of several varieties of native fruit trees to help stabilise s...</td>
</tr>
<tr>
<td>TAJ111e</td>
<td>TAJ</td>
<td>Planting of fruit trees to increase</td>
<td>This technology involved the planting of several varieties of</td>
</tr>
<tr>
<td>Technology code</td>
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<td>Description</td>
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</tr>
<tr>
<td>TAJ111r</td>
<td>TAJ</td>
<td>slope stabilisation.</td>
<td>native fruit trees to help stabilise s...</td>
</tr>
<tr>
<td>TAJ111r</td>
<td>TAJ</td>
<td>Посадка фруктовых деревьев для увеличения стабилизации склона</td>
<td>Данная технология включает в себя посадку нескольких...</td>
</tr>
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<td>TAJ111r</td>
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<td>Посадка фруктовых деревьев для увеличения стабилизации склона</td>
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<td>Данная технология включает в себя посадку нескольких ...</td>
</tr>
<tr>
<td>TAJ112r</td>
<td>TAJ</td>
<td>Реабилитация гидротехнических затворов для улучшения подачи оросительной воды</td>
<td>Данная технология основана на реабилитации железных г...</td>
</tr>
<tr>
<td>TAJ348e</td>
<td>TAJ</td>
<td>Roof Top Rain Water Harvesting - Concrete Tank</td>
<td>A 16 cubic metre concrete tank situated in the shadow of the house constructed to retain rainwater t...</td>
</tr>
<tr>
<td>TAJ356e</td>
<td>TAJ</td>
<td>Infilling of gullies with vegetative structures</td>
<td>Due to many different factors and mechanisms, soil erosion is at an advanced stage in many of the hi...</td>
</tr>
<tr>
<td>TAJ362e</td>
<td>TAJ</td>
<td>Gradual development of bench terraces from contour ditches</td>
<td>The SLM technology is thought to stop water run-off resulting in the prevention of damage to the top...</td>
</tr>
<tr>
<td>TAJ365e</td>
<td>TAJ</td>
<td>Conversion of stony slopes into an irrigated apricot orchard</td>
<td>Before the technology was applied, this stony slope was used as a low-productive pasture. First of a...</td>
</tr>
<tr>
<td>TAJ365r</td>
<td>TAJ</td>
<td>Освоение сильно каменистых склоновых земель под орошаемый абрикосовый сад.</td>
<td>Сильно каменистый конус выноса до внедрения технологии...</td>
</tr>
<tr>
<td>TAJ370e</td>
<td>TAJ</td>
<td>Integrated Technologies for Household Plots</td>
<td>A small area of previously severely eroded and almost devoid of vegetation area of land that was tra...</td>
</tr>
<tr>
<td>TAJ370e</td>
<td>TAJ</td>
<td>Integrated Technologies for Household Plots</td>
<td>A small area of previously severely eroded and almost devoid of vegetation area of land that was tra...</td>
</tr>
<tr>
<td>TAJ370e</td>
<td>TAJ</td>
<td>Integrated Technologies for Household Plots</td>
<td>A small area of previously severely eroded and almost devoid of vegetation area of land that was tra...</td>
</tr>
<tr>
<td>TAJ372e</td>
<td>TAJ</td>
<td>Drip irrigation using polyethylene sheeting and intermittent cloth strips.</td>
<td>Drip irrigation with polyethylene film was used in areas with extreme conditions who have poor irrig...</td>
</tr>
<tr>
<td>TAJ375r</td>
<td>TAJ</td>
<td>Выращивание картофеля в лунке</td>
<td>Это технология используется для получения продукции в...</td>
</tr>
<tr>
<td>TAJ376e</td>
<td>TAJ</td>
<td>Integrated stone wall and poplar tree perimeter fencing</td>
<td>The area in question is a very narrow, flat valley floor, 95% of which was covered in stones and bou...</td>
</tr>
<tr>
<td>TAJ390e</td>
<td>TAJ</td>
<td>Tree nurseries to test tree species adapted to local climate</td>
<td>In 1995-96 the first tree nursery was established in the Vanj valley with support from the Mountain ...</td>
</tr>
<tr>
<td>TAJ394e</td>
<td>TAJ</td>
<td>Spiral water pumps</td>
<td>A Spiral tube water pump is a method of pumping water by using an undershot water wheel which has a ...</td>
</tr>
<tr>
<td>TAJ397e</td>
<td>TAJ</td>
<td>Water wheel pump system</td>
<td>After the end of the Soviet era the mass irrigation system fell into disrepair, and many of the orch...</td>
</tr>
<tr>
<td>TAJ397r</td>
<td>TAJ</td>
<td>Насосная станция с водоподъемным колесом</td>
<td>После окончания Советского периода, большая часть...</td>
</tr>
<tr>
<td>TAJ398e</td>
<td>TAJ</td>
<td>A woollen water retention bed installed under the roots of a tree</td>
<td>A bed of wool is placed within the hole before a fruit sapling is planted. The wool is fed water via...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
</tr>
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</tr>
<tr>
<td>TAJ398r</td>
<td>TAJ</td>
<td></td>
<td>irrigated by a pipe feed.</td>
</tr>
<tr>
<td>TAJ403e</td>
<td>TAJ</td>
<td>Шерстяное основание водоудержания, уложенное под корнями деревьев, орошаемых подводящей трубой.</td>
<td>Основание из шерсти укладывается в яму до посадки саже...</td>
</tr>
<tr>
<td>TAJ403r</td>
<td>TAJ</td>
<td>Укрепление берегов рек с помощью камней и габионов</td>
<td>Технология состоит в сборе камней, в основном среднег...</td>
</tr>
<tr>
<td>TAJ551e</td>
<td>TAJ</td>
<td>Two Room Stove</td>
<td>The 2-room stove is a brick based structure that filters hot air into a second room, hence maximisin...</td>
</tr>
<tr>
<td>TAJ551e</td>
<td>TAJ</td>
<td>Two Room Stove</td>
<td>The 2-room stove is a brick based structure that filters hot air into a second room, hence maximisin...</td>
</tr>
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<td>TAJ551e</td>
<td>TAJ</td>
<td>Two Room Stove</td>
<td>The 2-room stove is a brick based structure that filters hot air into a second room, hence maximisin...</td>
</tr>
<tr>
<td>TAN001e</td>
<td>TAN</td>
<td>Chagga Homegardens</td>
<td>The complex multicropping system evolved over several centuries through a gradual transformation of ...</td>
</tr>
<tr>
<td>TAN001f</td>
<td>TAN</td>
<td>Jardins familiaux de Chagga</td>
<td>Ce système complexe d’association de cultures a évolué au cours des siècles, transformant prog...</td>
</tr>
<tr>
<td>TAN002e</td>
<td>TAN</td>
<td>Dry-Season Fodder Reserves</td>
<td>Shinyanga is a semiarid area characterized by shortage of fodder associated with problems of defores...</td>
</tr>
<tr>
<td>TAN002f</td>
<td>TAN</td>
<td>Réserves fourragères ngitilis de saison sèche</td>
<td>Shinyanga est une zone semi-aride caractérisée par la pénurie de fourrage associée à des probl...</td>
</tr>
<tr>
<td>THA01</td>
<td>THA</td>
<td>Vegetative erosion control and cons. Crop. System</td>
<td>To make the contour hedgerow by grass and leguminous plants across the slope together with integrat...</td>
</tr>
<tr>
<td>THA24</td>
<td>THA</td>
<td>Cut-off drain</td>
<td>The cut-off drain is the same thing described as 'diversion' or 'diversion ditch'. It is dug by hand...</td>
</tr>
<tr>
<td>THA24</td>
<td>THA</td>
<td>Cut-off drain</td>
<td>The cut-off drain is the same thing described as 'diversion' or 'diversion ditch'. It is dug by hand...</td>
</tr>
<tr>
<td>THA25</td>
<td>THA</td>
<td>Small level bench terraces</td>
<td>The terraces described in this case study from northern Thailand are found on hilly slopes with deep...</td>
</tr>
<tr>
<td>TOG02</td>
<td>TOG</td>
<td>Terrasses améliorées</td>
<td>Les cordons de pierres sont souvent disposés à des intervalles qui permettent de dégager suffisa...</td>
</tr>
<tr>
<td>TOG04</td>
<td>TOG</td>
<td>Terrasses traditionnelles</td>
<td>Ce sont des parcelles de petites dimensions délimitées par les cordons ou lignes de pierres sur le...</td>
</tr>
<tr>
<td>TOG07</td>
<td>TOG</td>
<td>Billons cloisonnés</td>
<td>Le cloisonnement s’opère de deux façons. Il s'effectue par fermeture des extrémités des sillons ...</td>
</tr>
<tr>
<td>TUN10</td>
<td>TUN</td>
<td>Gabion check dam</td>
<td>In order to slow down the water flow in the wadi courses and improve its infiltration into deeper so...</td>
</tr>
<tr>
<td>TUN12</td>
<td>TUN</td>
<td>Tabia</td>
<td>The tabia technique is similar to the jessour system used in the foothill and piedmont areas. It is ...</td>
</tr>
<tr>
<td>TZA05</td>
<td>TAN</td>
<td>Small pit cultivation for maize sorghum and millet</td>
<td>on a hill and foot slope pits of 9” cubical are dug in line across the slope. On digging, soils th...</td>
</tr>
<tr>
<td>TZA06</td>
<td>TAN</td>
<td>increasing groundnuts pod number in a soil heap</td>
<td>A cropland is selected which has a loamy type of soil cleaning starts in september ( Land clearing)...</td>
</tr>
<tr>
<td>TZA07</td>
<td>TAN</td>
<td>In-situ compost making</td>
<td>from august to november a 2”x2’ trench is excavated across the slope and spaced 3’ apart. Crop remai...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
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<td>Description</td>
</tr>
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</tr>
<tr>
<td>TZA08</td>
<td>TAN</td>
<td>Tradition forest establishment in semi-arid land</td>
<td>The place was completely bare. It was demarked and fenced using shrubs. Shoots were identified, p...</td>
</tr>
<tr>
<td>TZA10</td>
<td>TAN</td>
<td>Gully healing using trash lines</td>
<td>the innovation starts with locating the gully to be healed. Trash lines and pegs are put across the ...</td>
</tr>
<tr>
<td>TZA11</td>
<td>TAN</td>
<td>Gully healing for growing bananas</td>
<td>gully pits (2'*2'*2') are dug across the gully. Smaller pits are dug in the bigger ones. Manure is fi...</td>
</tr>
<tr>
<td>UGA04</td>
<td>UGA</td>
<td>Improved trash lines</td>
<td>Trash lines of organic material across the slope constitute a traditional land husbandry practice in...</td>
</tr>
<tr>
<td>UGA08</td>
<td>UGA</td>
<td>Runoff water harvesting in bananas</td>
<td>the technology is runoff water harvesting and concentration from a hill top road into bananas, using...</td>
</tr>
<tr>
<td>UNK01</td>
<td>UNK</td>
<td>Conservation agriculture</td>
<td>Conservation agriculture (CA), involving superficial non-inversion tillage, began to be widely taken...</td>
</tr>
<tr>
<td>UNK01</td>
<td>UNK</td>
<td>Conservation agriculture</td>
<td>Conservation agriculture (CA), involving superficial non-inversion tillage, began to be widely taken...</td>
</tr>
<tr>
<td>UNK1b</td>
<td>UNK</td>
<td>Conservation tillage in UK arable cropping: Loddington</td>
<td>machinery with discs or tines replace the plough for minimal cultivations of the soil. Equally crops...</td>
</tr>
<tr>
<td>UNK2a</td>
<td>UNK</td>
<td>Minimum tillage in UK arable cropping systems: Tivington</td>
<td>Non-inversion tillage to provide suitable seedbed for following crop...</td>
</tr>
<tr>
<td>UNK2b</td>
<td>UNK</td>
<td>Conservation tillage in UK arable cropping systems: Tivington</td>
<td>machinery with discs or tines replace the plough for minimal cultivations of the soil. Equally crops...</td>
</tr>
<tr>
<td>ZAM001e</td>
<td>ZAM</td>
<td>Small Earth Dams</td>
<td>Small earth dams are water harvesting storage structures, constructed across narrow sections of vall...</td>
</tr>
<tr>
<td>ZAM001f</td>
<td>ZAM</td>
<td>Petits barrages en terre</td>
<td>...</td>
</tr>
<tr>
<td>ZAM001f</td>
<td>ZAM</td>
<td>Petits barrages en terre</td>
<td>...</td>
</tr>
<tr>
<td>ZIM001f</td>
<td>ZIM</td>
<td>Agriculture de conservation et de précision</td>
<td>L’agriculture de conservation et de précision (ACP) est une technologie qui associe quatre princ...</td>
</tr>
</tbody>
</table>

### 2) Soil erosion by wind

<table>
<thead>
<tr>
<th>Technology code</th>
<th>Country</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT07</td>
<td>BOT</td>
<td>Game Ranching</td>
<td>This is a community project that proposes to farm wildlife in a ranch. The community will seek the la...</td>
</tr>
<tr>
<td>BRK002e</td>
<td>BRK</td>
<td>Parkland Agroforestry System</td>
<td>For the rural people in the Sahel, parkland trees are multipurpose: they are a grocery shop, a pharm...</td>
</tr>
<tr>
<td>BRK002f</td>
<td>BRK</td>
<td>Système des parcs agroforestiers</td>
<td>Pour les populations rurales du Sahel, les arbres des parcs ont de multiples fonctions : ils leur se...</td>
</tr>
<tr>
<td>BRK003e</td>
<td>BRK</td>
<td>Assisted Natural Regeneration</td>
<td>Assisted natural regeneration, as promoted by NewTree in Burkina Faso, starts with enclosing 3 ha of...</td>
</tr>
<tr>
<td>BRK003f</td>
<td>BRK</td>
<td>Régénération naturelle assistée de terres dégradées</td>
<td>La régénération naturelle assistée, développée par New Tree au Burkina Faso, commence par la p...</td>
</tr>
<tr>
<td>CHN01</td>
<td>CHN</td>
<td>Horsetail Beefwood (Casuarina) Windbreak along Seaside</td>
<td>Horsetail Beefwood windbreak along seaside is applied to prevent serious wind and water erosion/dest...</td>
</tr>
<tr>
<td>CHN03</td>
<td>CHN</td>
<td>Vetiver Hedge Barrier along Seashore and River bank</td>
<td>This technology is to use a good SWC vegetable --- Vetiver to form permanent hedge barrier. The barr...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
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</tr>
<tr>
<td>----------------</td>
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</tr>
<tr>
<td>CHN48</td>
<td>CHN</td>
<td>Shelterbelts for farmland in sandy areas</td>
<td>Shelterbelts to protect cropland are a specific type of agroforestry system comprising certain tall...</td>
</tr>
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<td>CHN48</td>
<td>CHN</td>
<td>Shelterbelts for farmland in sandy areas</td>
<td>Shelterbelts to protect cropland are a specific type of agroforestry system comprising certain tall...</td>
</tr>
<tr>
<td>CHN49</td>
<td>CHN</td>
<td>Caragana Korshinskii Planting a kind of SWC vegetative technology</td>
<td>Caragana korshinskii is a kind of perennial and drought resistant shrub being used to protect soil f...</td>
</tr>
<tr>
<td>ETH016f</td>
<td>ETH</td>
<td>Amélioration des pâturages</td>
<td>Cette étude de cas se concentre sur les hautes terres humides à forte densité de population d'...</td>
</tr>
<tr>
<td>IND05</td>
<td>IND</td>
<td>Agro-forestry</td>
<td>The technology can be described as a combination of tree cultivation (mainly horticulture species)...</td>
</tr>
<tr>
<td>IND06</td>
<td>IND</td>
<td>Shelterbelts</td>
<td>The technology comprises establishment of 5 row shelterbelts at 160 m intervals. 3 row intermediary ...</td>
</tr>
<tr>
<td>KAZ02</td>
<td>KAZ</td>
<td>Technology of fastening Aral sea’s drained bottom’ s soil</td>
<td>Planting of the saplings on the lots of the dried seabed of the Aral Sea was done in holes and unint...</td>
</tr>
<tr>
<td>KAZ05</td>
<td>KAZ</td>
<td>creation of meliorative plantings for struggle with erosion</td>
<td>In Syrdragyra river’s delta on alluvial drought sandy and loam sand soils processes of wind and water...</td>
</tr>
<tr>
<td>KAZ06</td>
<td>KAZ</td>
<td>Soil-protective minimal technology of the tillage and sowing</td>
<td>The technology is directed on struggle against wind and water erosion. After harvesting of grain cr...</td>
</tr>
<tr>
<td>NIG022e</td>
<td>NIG</td>
<td>Irrigated Oasis gardens</td>
<td>In Timia Oasis in Air, small irrigated gardens (&lt; 0.3 ha) have been used for over a century, produc...</td>
</tr>
<tr>
<td>NIG022f</td>
<td>NIG</td>
<td>Jardins d’oasis irrigués</td>
<td>Dans l’oasis de Timia dans l’Air, de petits jardins irrigués (&lt;0,3 ha) sont exploités depuis ...</td>
</tr>
<tr>
<td>NIG024e</td>
<td>NIG</td>
<td>Farmer Managed Natural Regeneration</td>
<td>The naturally occurring seedlings and/or sprouts are managed and protected by local farmers. Most su...</td>
</tr>
<tr>
<td>NIG024e</td>
<td>NIG</td>
<td>Farmer Managed Natural Regeneration</td>
<td>The naturally occurring seedlings and/or sprouts are managed and protected by local farmers. Most su...</td>
</tr>
<tr>
<td>NIG024f</td>
<td>NIG</td>
<td>Régénération naturelle assistée par les fermiers</td>
<td>Les plants et/ou repousses sont gérées et protégées par les fermiers locaux. Les espèces à e...</td>
</tr>
<tr>
<td>NIG024f</td>
<td>NIG</td>
<td>Régénération naturelle assistée par les fermiers</td>
<td>Les plants et/ou repousses sont gérées et protégées par les fermiers locaux. Les espèces à e...</td>
</tr>
<tr>
<td>NIG025e</td>
<td>NIG</td>
<td>Rotational Fertilization</td>
<td>À intervalle de 2-3 ans, les agro-pastoralistes peuls se réinstallent avec leur bétail sur une no...</td>
</tr>
<tr>
<td>NIG025f</td>
<td>NIG</td>
<td>Fertilisation des sols par rotation</td>
<td>The main goal of the couloirs is the prevention of conflict between agriculturalists and pastoralist...</td>
</tr>
<tr>
<td>NIG026e</td>
<td>NIG</td>
<td>Couloirs de passage</td>
<td>L’objectif principal de ces couloirs est la prévention des conflits entre agriculteurs et éleveurs...</td>
</tr>
<tr>
<td>NIG026f</td>
<td>NIG</td>
<td>Couloirs de passage</td>
<td>The combination of planting pits (tassa) with stone lines is used for the rehabilitation of degraded...</td>
</tr>
<tr>
<td>NIG027e</td>
<td>NIG</td>
<td>Improved Well Distribution for Sustainable Pastoralism</td>
<td>Both forms of pastoralism – nomadism and transhumance – are facing increasing water and fodder a...</td>
</tr>
<tr>
<td>NIG027f</td>
<td>NIG</td>
<td>Amélioration de la distribution des puits pour un pastoralisme durable</td>
<td>Les deux formes de pastoralisme - le nomadisme et la transhumance - sont confrontées aux problèmes...</td>
</tr>
<tr>
<td>NIG02e</td>
<td>NIG</td>
<td>Planting pits and stone lines</td>
<td>The combination of planting pits (tassa) with stone lines is used for the rehabilitation of degraded...</td>
</tr>
<tr>
<td>NIG15f</td>
<td>NIG</td>
<td>Fixation des dunes de sable</td>
<td>Dans la zone sahélienne du Niger, l’envahissement des terres agricoles et pastorales par les dune...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
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<td>NIG15f</td>
<td>NIG</td>
<td><em>Fixation des dunes de sable</em></td>
<td>Dans la zone sahélienne du Niger, l'envahissement des terres agricoles et pastorales par les dunes...</td>
</tr>
<tr>
<td>PHI13</td>
<td>PHI</td>
<td>WINDBREAKS</td>
<td>The main characteristic of the technology is the planting of herbaceous crops, grasses or trees along...</td>
</tr>
<tr>
<td>SEN005f</td>
<td>SEN</td>
<td>Ceinture d’arbres Casuarina pour la fixation des dunes</td>
<td>Les Niayes, territoire de 5-30 km de large couvrant une superficie de 4.200 km², sont connues pour l...</td>
</tr>
<tr>
<td>SYR02</td>
<td>SYR</td>
<td>Range Pitting and Reseeding</td>
<td>This technique is used to restore degraded rangelands (steppe areas) in the 150-200 mm rainfall zone...</td>
</tr>
<tr>
<td>SYR03</td>
<td>SYR</td>
<td>Furrow-enhanced runoff harvesting for olives</td>
<td>The Khanasser Valley in north-west Syria is a marginal agricultural area, with annual rainfall of ab...</td>
</tr>
<tr>
<td>TAJ003e</td>
<td>TAJ</td>
<td>Orchard-based agroforestry</td>
<td>In the Faizabad region, Tajikistan, an area which is characterised by hilly topography, and deep but...</td>
</tr>
<tr>
<td>TAJ003r</td>
<td>TAJ</td>
<td>Агролесоводство на основе сада</td>
<td>Файзабадский район Таджикистана характеризуется холм...</td>
</tr>
<tr>
<td>TAJ100e</td>
<td>TAJ</td>
<td>Rotational grazing supported by additional water points</td>
<td>When in 2009 the project started in the two watersheds of Fayzabad and Gesh in Muminabad district, t...</td>
</tr>
<tr>
<td>TAJ106e</td>
<td>TAJ</td>
<td>Wind forest strips for land protection against wind erosion on sandy soils</td>
<td>The 24m wide shelterbelt consists of eight rows of trees. Three plots, 50m wide and 350m long were l...</td>
</tr>
<tr>
<td>TAJ110e</td>
<td>TAJ</td>
<td>Shelterbelts with Russian Silverberry for the protection of irrigated fields</td>
<td>This technology consists of shelterbelts made of Russian Silverberry (Elaeagnus angustifolia) to pro...</td>
</tr>
<tr>
<td>TAJ110r</td>
<td>TAJ</td>
<td>Защитная полоса из российской дикой маслины для защиты орошаемых полей</td>
<td>Данная технология включает в себя защитную полосу из р...</td>
</tr>
<tr>
<td>TAJ111e</td>
<td>TAJ</td>
<td>Shelterbelts with Russian Silverberry for the protection of irrigated fields</td>
<td>This technology consists of shelterbelts made of Russian Silverberry (Elaeagnus angustifolia) to pro...</td>
</tr>
<tr>
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<td>TAJ</td>
<td>Защитная полоса из российской дикой маслины для защиты орошаемых полей</td>
<td>Данная технология включает в себя защитную полосу из р...</td>
</tr>
<tr>
<td>TAJ114e</td>
<td>TAJ</td>
<td>Saxaul plantation for stabilisation of sandy soils</td>
<td>On 15 ha of denuded land, prone to wind erosion the Saxaul bush (Haloxylon ammodendron) which is nat...</td>
</tr>
<tr>
<td>TAJ114r</td>
<td>TAJ</td>
<td>Постадка саксаула для стабилизации песчаных почв</td>
<td>В целях стабилизации почв и остановки процесса опусты...</td>
</tr>
<tr>
<td>TAJ348r</td>
<td>TAJ</td>
<td>Система сбора дождевой воды с крыш с использованием - бетонной цистерны</td>
<td>16м3 бетонная цистерна, расположенная в тени дома, и соо...</td>
</tr>
<tr>
<td>TAJ394e</td>
<td>TAJ</td>
<td>Spiral water pumps</td>
<td>A Spiral tube water pump is a method of pumping water by...</td>
</tr>
<tr>
<td>Technology code</td>
<td>Country</td>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
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<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>TAJ551e</td>
<td>TAU</td>
<td>Two Room Stove</td>
<td>The 2-room stove is a brick based structure that filters hot air into a second room, hence maximisin...</td>
</tr>
<tr>
<td>TAN002e</td>
<td>TAN</td>
<td>Dry-Season Fodder Reserves</td>
<td>Shinyanga is a semiarid area characterized by shortage of fodder associated with problems of defores...</td>
</tr>
<tr>
<td>TAN002f</td>
<td>TAN</td>
<td>Réerves fourragères ngitlis de saison sèche</td>
<td>Shinyanga est une zone semi-aride caractérisée par la pénurie de fourrage associée à des probl...</td>
</tr>
<tr>
<td>TOG008e</td>
<td>TOG</td>
<td>Shelterbelts</td>
<td>On the vast denuded plains of Pays Kabyé in northern Togo, barriers of leguminous trees (e.g. Cassi...</td>
</tr>
<tr>
<td>TOG008e</td>
<td>TOG</td>
<td>Shelterbelts</td>
<td>On the vast denuded plains of Pays Kabyé in northern Togo, barriers of leguminous trees (e.g. Cassi...</td>
</tr>
<tr>
<td>TOG08</td>
<td>TOG</td>
<td>Brise vents vivants</td>
<td>Les brises vents vivants sont des rideaux d’arbres et d’arbustes qui réduisent la vitesse des ...</td>
</tr>
<tr>
<td>TUR01</td>
<td>TUR</td>
<td>Rotational Grazing</td>
<td>Sheep breeding has been very common for a long time in the Karapinar district. Sheep grazes in 50 km...</td>
</tr>
<tr>
<td>TUR02</td>
<td>TUR</td>
<td>Strip farming</td>
<td>Cereals are grown as strip-fallow to conserve the soil from the wind. Cereal strip in current year w...</td>
</tr>
<tr>
<td>TUR02</td>
<td>TUR</td>
<td>Strip farming</td>
<td>Cereals are grown as strip-fallow to conserve the soil from the wind. Cereal strip in current year w...</td>
</tr>
<tr>
<td>UGA07</td>
<td>UGA</td>
<td>Tree farming</td>
<td>Markhamia lutea are grown in lines in the homestead. They are mulched, prunned and organic manures a...</td>
</tr>
</tbody>
</table>