Minutes of the Third Meeting of the Multi Stakeholder Taskforce on Climate Change and Green Jobs held on 24th May 2012 at India Habitat Centre, New Delhi

The third meeting of the Multi Stakeholder Taskforce on Climate Change and Green Jobs was held on 24.05.2012 at the ILO Sub Regional Office for South Asia, Lodhi Road, New Delhi under the Chairmanship of Shri Sharda Prasad, Director General of Employment & Training and Additional Secretary, Ministry of Labour & Employment. List of participants is annexed.

1. Delivering the welcome address, Smt. Amarjeet Kaur, Deputy Director General (Employment), Directorate General of Employment and Training, Ministry of Labour and Employment emphasised the importance of green jobs in the world economy. In the second meeting of the Task Force held in January 2011, emphasis was laid on the specifications of the micro level and sharing of the recommendations were also stressed upon. She mentioned about the formation of the Subgroup of the Multi Stakeholder Task Force. The need for the alignment of the goals of Energy management, Environmental management, Climate Change and Green Jobs with the focus areas of the 12th five year plan were also highlighted by her.

2. Delivering the welcome remarks, Ms. Tine Staermose, Director of the ILO Decent Work Team for South Asia and Country Office for India said that there is gap between 2nd and 3rd meeting of the group, however, the subgroup was meeting. She informed the new participants, as the group has been expanded to involve the other ministries like Ministry of Power and Ministry of Water Resources, about the background of the ILO and its priority areas. Ms. Staermose also acknowledged the strong support of the Directorate-General of Employment & Training and the NCAER. The Director expressed the need to start the scoping of Green Jobs in another State.
3. The Chairman, Shri Sharda Prasad, expressed his gratitude to ILO for supporting MoLE in its efforts. Recapitulating the proceedings of the last meeting he suggested a plan of action with following main issues:

- Need for an objective definition of Green Jobs especially in the Indian Context.
- Need to look at flagship programs like the JnNURM which has a huge mandate in developing infrastructure and employment.
- Mainstreaming the green employment potential and the green skill needs.
- The need for the close involvement of the state governments and to factor in their aspirations.
- To crystallize our thoughts on whatever has been done till date and preparing a report of the taskforce specifying the objectives and its reach.
- The need for preparation of an action plan with set timelines and to have reviews more often.
- The need for looking at the employment aspects of the 8 missions.
- Undertaking determination of the skill needs of the areas of employment potential and taking systematic action in terms of developing content, imparting training etc. in order to see results at a later stage and allow replication of the successful processes.
- The importance of stressing on ‘What is Deliverable’ in order to deliver concrete results.

4. Dr. Anushree Sinha from the National Council of Applied Economic Research (NCAER) presented the Initial Progress Report on
mapping study for the State of Gujarat. The study entailed an input output analysis for the Green Power Sector in Gujarat in an attempt to analyse the job creation process. Investment in the solar energy sector was discussed and the way forward in terms of populating the input output table was established for entering into other sectors like Green Buildings, Irrigation and Organic Farming.

A comparative study on Rajasthan in the sectors of energy, green manufacturing and looking at backward linkages was suggested.

The presentation is annexed as Annex - I

Opening the interaction the Chair thanked NCAER for the valuable study and expressed the importance of looking at how states are faring and the need to support and guide them.

- Representative from MNRE cautioned about the study to be considered as hydro study instead of renewable energy study. It was informed to the House that about 80,000 persons are already working in wind energy sector. He also mentioned that the solar sector has the capacity to generate jobs and that it’s potential needs to be thought of.

- Representative from Development Alternatives highlighted that the job creation potential depends on the available resources and the need to get information on how existing projects are financed and what is the capital investment.

- Representative from the ILO expressed that the study should become relevant at the policy makers level and there is a need to translate employment indices into the number of jobs and the extra number of jobs so as to present a scenario in front of the policy makers which they could keep in mind and work.

- It was also discussed that it would be worth considering solar energy sectors. Also, the policy measures already taken by the government were highlighted as was the need
to identify potential and the skill set requirement in various sectors.

- The need for looking at the dynamic aspect of job creation and that of efficiency was also highlighted.

- The representative from NCAER said that it was very important to see ‘where’ the job was being created and proposed the creation of a social accounting matrix. It was also proposed that the number of sectors should be increased and their identification should be done in a different way. The representative also acknowledged that the dynamism of the process can be captured.

- Representative from Development Alternatives mentioned that increasing and identifying newer sectors could be a useful subject for the subgroup to get into.

- Representative from the ILO mentioned that a similar study using input output matrices can be done for the infrastructure sector which would help policy makers take into account the green aspects.

- The Chair expressed the importance to conduct such studies for different sectors and work with stakeholders and manufacturers in order to make significant contributions to the process of taking into account their respective green aspects. It was also said that the potential to exploit solar energy can be considered.

5. A presentation on ‘Economics of Cow Dung’ was made by Mr. Hideki Kagohashi from the ILO on the Jabalpur pilot programme on Green Jobs. It was shown that India has a big potential to create green jobs in the dairy sector alone and indecent jobs can be converted into green jobs. The presentation is annexed as Annex - II

The Chair remarked that this should be commercially exploited in villages also and could be taken up as a project provided the dairy industry benefits as cow dung is a stable source of income for them. It was suggested that detailed project report can be shared with the
State Government as well as with the Khadi and Village Industries Commission.

During interaction following points were referred:

• The issue of combining solar energy and biogas efforts so as to make the project more viable and reduce per unit cost.

• The issue of distribution was also discussed as to whether local should be given the generated energy first or the grid or vice versa.

6. A presentation on the experience from a pilot programme on MGNREGA Green jobs through green works was given by Mr. Mukesh Gupta from ILO. First, the previous study on the Kaimur district in Rajasthan was recapitulated and then the work done in the Bhilwara district was discussed. The need for aligning MGNREGA and climate change and also the need to address capacity constraints by developing a cadre of specialised people was discussed. It was also emphasised that the service delivery of green jobs under the MGNREGA should be improved and that modular employable skills should be utilised. The presentation is annexed as Annex - III

The following points were discussed with reference to the presentation:

• Representative from the MNRE said that the structure of jobs needs to be related and matched.

• DDG (E), MoLE expressed that local skill sets depend on assets and jobs.

• Representative from ILO expressed that projects were approached from business and employment perspectives.

• The representative from MNRE expressed that innovation was necessary in business models and that there should be clarity as to what to produce.

• Representative from the Ministry of Agriculture expressed that MGNREGA should be considered as a programme that
delivers distress time employment and should not be treated as a programme for job creation.

- Representative from ILO, in order to express clarity about the concept of decent jobs, gave an example of the Jabalpur study and said that most jobs were not necessarily decent because of working conditions and if they were improved, the payments to the workers would increase.

- The representative from ILO clarified that urban and rural economies were separated for the purpose of the study and that urban economies were focussed upon as it was a sector that is relatively ignored and has a large green job potential. He also mentioned that the MGNREGA was popular as there was an absence of other options. He also indicated that the main target of the ILO is creation of green jobs in India and the focus is on the ‘Where’ and the ‘How’ aspect.

- The representative from MoLE said that this could be done with the scoping and mapping processes which has begun to take place in the recent times.

- The TERI Representative expressed the importance of exploring newer areas for creating green jobs.

- The representative from ILO expressed that the ILO was keen to explore newer areas and that the ministries could inform the ILO about opportunities as and when they see them.

7. **The way forward:**

Following decisions were taken.

i. Preparation of an interim report to map out the progress made and the actions taken till date.

ii. Preparation of a plan of action for the future-how to go in future with what is deliverable.

iii. Need to meet more frequently and at shorter intervals.
iv. Need for looking at the employment aspects of the 8 missions was expressed as was the need for determination of areas of green employment potential and the skill needs for the same.

v. Need to look at some of the higher growth employment sectors to identify and develop the skill and course contents to suit such jobs.

vi. A mapping study on Rajasthan, as was done in the state of Gujarat, in the sectors of Energy, Green manufacturing sectors and backward linkages was proposed.

vii. Mapping study done by ILO in the State of Gujarat is needed to be discussed and shared with State Government.

viii. Suggestion by NCAER regarding the creation of a social accounting matrix, increasing the number of sectors and changing the process of their identification was agreed.

ix. Suggestion by the ILO to conduct a mapping study for the infrastructure sector which may enable policy makers to take into account green aspects.

x. Chairman expressed that a study to exploit the potential of solar energy in Rajasthan can be considered.

xi. Finalization of a detailed project report on the Jabalpur pilot programme by the ILO which entails creation of Green Jobs in the dairy sector in India and sharing the same with the State Governments and Khadi and Village Industries Commission.

xii. Inputs from the representatives of various ministries on their progress in terms of green jobs to be submitted to Ms. Amarjeet Kaur, DDG(E), DGE&T, M/o Labour & Employment.

8. The meeting ended with a vote of thanks to the Chair and everyone present in the meeting.
## Annex

**Multistakeholders Task Force Meeting on Climate Change and Green Jobs**

**24 May 2012**

**Yamuna Conference Room, ILO Office**

### LIST OF PARTICIPANTS

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Name of Participant</th>
</tr>
</thead>
</table>
| 1     | Mr. Sharda Prasad  
Director-General/Joint Secretary (Employment & Training) 
Ministry of Labour and Employment  
Ph: 23710446, shardaprasad81@nic.in |
| 2     | Ms. Amarjeet Kaur  
DDG (Employment)  
Ministry of Labour and Employment  
Ph: 23350896, amartaran@yahoo.com and ddg-dget@nic.in |
| 3     | Mr. B.L. Meena  
Director of Employment Exchanges (I/C)  
D.G.E.&T, Ministry of Labour and Employment  
Ph: 23386737, 9868936074, mpgsection@gmail.com |
| 4     | Mr. I.K. Srivastav  
Joint Director of Employment Exchanges,  
D.G.E.&T, Ministry of Labour and Employment  
Ph: 23073911, 9868 818007, iks@nic.in |
| 5     | Mr. M.R. Sindhwani  
Deputy Director of Employment Exchanges  
D.G.E.&T, Ministry of Labour and Employment  
Jam Nagar House  
Ph: 9868204730, 23073086, mukeshsindhwani@gmail.com |
| 6     | Dr. Shailja Singh  
D.G.E.&T, Ministry of Labour and Employment  
Jam Nagar House, New Delhi  
Ph: 9350530911 |
| 7     | Mr. Jitendra Kumar  
D.G.E.&T, Ministry of Labour and Employment  
Jam Nagar House, New Delhi  
Ph: 9999887407 |
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Title</th>
<th>Organization</th>
<th>Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Dr. B. Gangaiah</td>
<td>Adviser</td>
<td>Ministry of Agriculture, Krishi Bhawan</td>
<td>Ph: 9999496688, <a href="mailto:bgangaiah@gmail.com">bgangaiah@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Dr. P.C. Pant</td>
<td>Director/Scientist (HRD &amp; Innovative Project Division)</td>
<td>Ministry of Non-Renewable Energy</td>
<td>14 CGO Complex, Lodi Road, New Delhi – 110 003</td>
<td>Ph: 24365496, <a href="mailto:pcpant@nic.in">pcpant@nic.in</a></td>
</tr>
<tr>
<td>10</td>
<td>Mr. J.K. Jethani</td>
<td>P.S.O.</td>
<td>Ministry of Non-Renewable Energy</td>
<td>14 CGO Complex, Lodi Road, New Delhi – 110 003</td>
<td>Ph: 24360625, 9810314003, <a href="mailto:jethani.jk@nic.in">jethani.jk@nic.in</a></td>
</tr>
<tr>
<td>11</td>
<td>Dr. Izzatullah</td>
<td>O/c Development Commissioner</td>
<td>Ministry of Micro, Small and Medium Enterprises</td>
<td>‘A’ Wing, 7th Floor, Nirman Bhawan, New Delhi</td>
<td>Ph: 23062992</td>
</tr>
<tr>
<td>12</td>
<td>Mr. M.L. Meena</td>
<td></td>
<td>Ministry of Non-Renewable Energy</td>
<td></td>
<td>Ph: 23061185</td>
</tr>
<tr>
<td>13</td>
<td>Mr. Anand Kamavisdar</td>
<td>Climate Change Programme</td>
<td>Department of Science and Technology</td>
<td>Ministry of Science and Technology</td>
<td>New Mehrauli Road, New Delhi – 110 016</td>
</tr>
<tr>
<td>14</td>
<td>Mr. Rakesh Kumar</td>
<td></td>
<td>The Associated Chambers of Commerce and Industry of India (ASSOCHAM)</td>
<td>1, Community Centre, Zamrudpur, Kailash Colony, New Delhi – 110 048</td>
<td>Ph: 4655 0555, 8882805165, <a href="mailto:rakesh.kumar@assocham.com">rakesh.kumar@assocham.com</a></td>
</tr>
<tr>
<td>15</td>
<td>Mr. M.L. Dhawan</td>
<td></td>
<td>Laghu Udyog Bharti</td>
<td>1-E, Swami Ramtirath Nagar, Jhandewalan Extension, New Delhi - 55</td>
<td>Ph: 23625064, 51540772, 9810015859</td>
</tr>
<tr>
<td>16</td>
<td>Dr. B.V. Vijayalakshmi</td>
<td>Secretary</td>
<td>All India Trade Union Congress</td>
<td>35-36, Deen Dayal Upadhyaya Marg, Rouse Avenue, New Delhi – 110 002</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Name</td>
<td>Designation</td>
<td>Organization/Address</td>
<td>Contact Information</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>----------------</td>
<td>-----------------------------------------------</td>
<td>-----------------------------------------------------------</td>
<td>-----------------------------</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Mr. Y.K. Rai</td>
<td>Bharatiya Mazdoor Sangh (BMS)</td>
<td>Dattoopant Thengai Bhawan, 27, Deen Dayal Upadhyaya Marg, Rouse Avenue, New Delhi – 110 002</td>
<td>ph: 2322 2654, 9911175611, <a href="mailto:raiyogender@gmail.com">raiyogender@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Ms. Neha Pahuja</td>
<td>Associate fellow</td>
<td>Tata Energy Research Institute (TERI) Darbari Seth Block, India Habitat Centre, Lodi Road, New Delhi – 3</td>
<td>ph: 2468 2100, <a href="mailto:neha.pahuja@teri.res.in">neha.pahuja@teri.res.in</a></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Ms. Suruchi Bhadwal</td>
<td>Associate Director</td>
<td>Tata Energy Research Institute (TERI) Darbari Seth Block, India Habitat Centre, Lodi Road, New Delhi – 3</td>
<td>ph: 2468 2100, <a href="mailto:suruchib@teri.res.in">suruchib@teri.res.in</a></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Mr. Srashtant Patara</td>
<td>Chief Operating Officer</td>
<td>TARA and Vice President, Development Alternatives Group B-32, Qutub Institutional Area, New Delhi – 110 016</td>
<td>ph: 98183 79060, <a href="mailto:spatara@devalt.org">spatara@devalt.org</a></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Dr. Rajesh Jaiswal</td>
<td>Associate Fellow</td>
<td>NCAER 11, I.P.Estate, New Delhi – 110 002</td>
<td>ph: 23379861, <a href="mailto:rjaiswal@ncaer.org">rjaiswal@ncaer.org</a></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Dr. Anushree Sinha</td>
<td></td>
<td>NCAER 11, I.P. Estate, New Delhi – 110 002</td>
<td>ph: 23379861, 9958588662, <a href="mailto:asinha@ncaer.org">asinha@ncaer.org</a></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ms. Rasika Chandihok</td>
<td></td>
<td>CII 4th Floor, IHC, Core 4A, Lodi Road, New Delhi – 110 003</td>
<td>ph: 24653219, <a href="mailto:rasika.chandihok@cii.in">rasika.chandihok@cii.in</a></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Ms. Tine Staermose</td>
<td>ILO</td>
<td></td>
<td>ph: 24653219, <a href="mailto:rasika.chandihok@cii.in">rasika.chandihok@cii.in</a></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Mr. Mukesh Gupta</td>
<td>ILO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Mr. Hideki Kagohashi</td>
<td>ILO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Ms. Sudipta Bhadra</td>
<td>ILO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Ms. A. Chellani</td>
<td>ILO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Ms. Astha Ummat</td>
<td>ILO Consultant</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>