VGI WG: Sub-Group B
Preliminary discussions of what lies ahead!

Karim Farhat
September, 2019
First Milestone: Step 1-3

Tasks

1. Develop and document VGI use-cases

<table>
<thead>
<tr>
<th>Sector</th>
<th>Application</th>
<th>Type</th>
<th>Approach</th>
<th>Resource Alignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>17</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Screen VGI use-cases

- Process for different sub-group participants to filter out use-cases
- Decision-making to reach consensus on filtered out use-cases

Screens

2,652 use-cases

For discussion only: Not a proposal
**Second Milestone: Step 4**

**Tasks**

3. **Discuss and agree on modeling process**

- **Process Alternative 1**: Stakeholders align on input, and agree on using the same tool. The output is dictated by the input and tool.

- **Process Alternative 2**: Stakeholders use different inputs and tools, but then need to align and resolve differences in outputs.

- **Process Alternative 3**: Other???

---

4. **Use the agreed-upon modeling process to do the analysis for all screened use-cases!**

<table>
<thead>
<tr>
<th>Use-case</th>
<th>Benefit</th>
<th>Cost</th>
<th>Net-Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>$X</td>
<td>$Y</td>
<td>$Y - $X</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>#16</td>
<td>$XX</td>
<td>$YY</td>
<td>$XX - $YY</td>
</tr>
</tbody>
</table>

For discussion only: Not a proposal
### Third Milestone: Step 5

#### Tasks

5. **Assign “implementability” score to each screened use-case**
   - Process for different sub-group participants to assign 1-5 score
   - Decision-making to reach consensus on the score for each use-case

6. **Rank the screened use-cases based on value and implementability**
   - Differentiate between Customer-Application use-cases and System-Application use-cases
   - Generate a 2x2 matrix of use-cases

<table>
<thead>
<tr>
<th>Low Value</th>
<th>High Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use-case #1, Use-case #14, ...</td>
<td>Use-case #3, Use-case #7, ...</td>
</tr>
<tr>
<td>Use-case #9, Use-case #19, ...</td>
<td>Use-case #1, Use-case #12, ...</td>
</tr>
</tbody>
</table>

**For discussion only: Not a proposal**
Fourth Milestone: Step 6

Tasks

7. Articulate answer to PUC Question 1: What VGI use-cases provide value “now”
   - Document proposed answers from different stakeholders
   - Decision-making process if consensus is needed/preferred on these answers

8. Make Policy, Technology, and Market recommendations on VGI use-cases providing value “now”
   - Document recommendations from different stakeholders
   - Decision-making process if consensus is needed/preferred on these recommendations
Thank you

Karim Farhat
Karim.farhat@pge.com