## **Air Quality Mapping**

| First 9 weeks                            |            |                  |                 |                    |                     | Plan Duratio  | n Actual Start     | % Complete Actua       | al (beyond plan) %     | Complete (beyond plan  | 1                    | 1                    | i                    | i           |
|--|------------|------------------|-----------------|--------------------|---------------------|---------------|--------------------|------------------------|------------------------|------------------------|----------------------|----------------------|----------------------|-------------|
| ACTIVITY                                 | PLAN START | PLAN<br>DURATION | ACTUAL<br>START | ACTUAL<br>DURATION | PERCENT<br>COMPLETE | Week 1        | Week 2             | Week 3                 | Week 4                 | Week 5                 | Week 6               | Week 7               | Week 8               | Week 9      |
|  | -          | DONATION         | JIANI           | DONATION           | CONFECTE            | 1 2 3 4 5 6 7 | 8 9 10 11 12 13 14 | 1 15 16 17 18 19 20 21 | 1 22 23 24 25 26 27 28 | 3 29 30 31 32 33 34 35 | 36 37 38 39 40 41 42 | 43 44 45 46 47 48 49 | 50 51 52 53 54 55 56 | 57 58 59 60 |
| Research on air quality                  | 1          | 2                | 1               | 2                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Documentation on<br>air quality research | 2          | 2                |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Kanban Process  Documentation            | 3          | 1                | 3               | 1                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Research of hardware                     | 4          | 4                | 4               | 5                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Hardware Design                          | 8          | 2                | 8               | 3                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Hardware creation                        | 9          | 1                | 17              | 1                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Data logger<br>Software Design           | 10         | 2                | 12              | 2                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Data logger<br>Development               | 10         | 14               | 25              | 25                 | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Data logger testing                      | 23         | 2                | 54              | 3                  | 85%                 |               |                    |                        |                        |                        |                      |                      |                      |             |
| Research on map                          | 25         | 3                | 57              | 3                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Design on<br>Visualisation map           | 28         | 3                |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Visualisation app<br>Development         | 31         | 21               |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Visualisation app<br>Testing             | 52         | 5                |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Final Report                             | 58         | 30               |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
|  | -          |                  |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
|  |            |                  |                 |                    | 50%                 |               |                    |                        |                        |                        |                      |                      |                      |             |
|  | _          |                  |                 |                    | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| OPS                                      | 11         | 3                | 11              | 4                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Planning                                 | 15         | 1                | 15              | 2                  | 100%                |               |                    |                        |                        |                        |                      |                      |                      |             |
| Preperation                              | _          |                  | 22              | 1                  | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Preperation for<br>demonstration         | 41         | 3                | 43              | 1                  | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| Other Modules                            | 23         | 2                | 23              | 2                  | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
|  | -          |                  |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
|  | -          |                  |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |
| -  | _          |                  |                 |                    | 0%                  |               |                    |                        |                        |                        |                      |                      |                      |             |