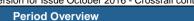
## **Environment Dashboard - Period 13 2013-14**

Version for Issue October 2016 - Crossrail contract numbers and Crossrail works on site have been deleted and replaced by XXXXX

⇔ 100%



## Period Overview

At the close of 2013/14, Crossrail is on track to exceed the 8% reduction target for construction energy. Current contractor predictions vary from less than 1% to over 25%, with an average of 11%. The focus for next year will be on working with contractors to refine their models to provide greater certainty of predictions.

## **Key Accomplishments**

- There was a successful visit by London Assembly Environment Committee to Site 1. The members were provided with a presentation of Crossrail's environmental work, and also had a visit to the site.

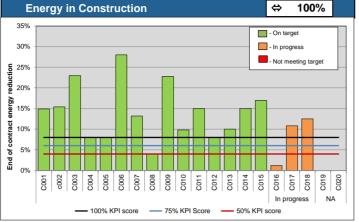
- Four incident improvement ideas have been selected by contractors to be taken forward by small working groups. An initial brainstorming workshop was held, aided by facilitators from the Innovate team

- The Green line recognition scheme was presented to C002 at Site 2.

## Progress update

There have been two further XXXX incidents in period 13. One of these incidents came to light as a result of an alert issued relating to YYYY.

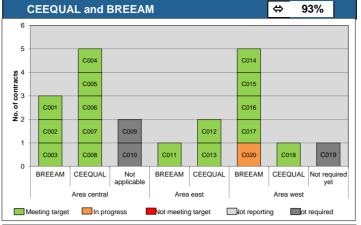
- Work commenced on two projects led by Crossrail's Engineering Graduates. One project relates to Crossrail's air quality data and the other is examining water use and the potential for water savings.



The KPI score is currently 100% with the average % reduction at 11.5%

**Undertakings & Assurances** 

In progress: C016 are showing an expected reduction of 1.2% which is below the minimum target of 4% and will be assisted in scoping further reduction initiatives. C017 and C018 are currently unable to provide sufficient information for performance reporting in P13. They will be assisted over the next few periods in order to provide sufficient information. C019 and C020 are currently not require report but are expected to report in 2014/15.



C020 failed to produce interim progress reports on their award status at the end of P13 - it is expected that they will

Otherwise all other contracts remain on track to meet the targets of Very Good for BREEAM and Excellent for

**Emissions Control** 

⇔ 98%

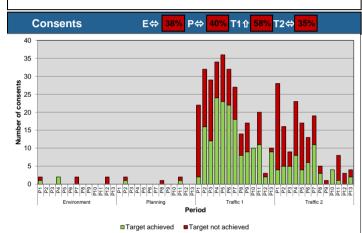


Resource consumption			
Resources used	Electricity (kWh)	Fuel (litres)	Water (m3)
P7	6,780,823	963,126	40,078
P8	5,541,795	870,405	29,524
P9	5,822,926	973,507	27,345
P10	4,497,289	559,263	32,829
P11	6,308,994	990,147	61,081
P12	4,707,074	945,389	28,732
Average per period	5,609,817	883,640	36,598
Total to Date	91,203,080	26,215,546	890,032

Waste: Crossrail remains on target for the recycling and reuse of waste and excavated material and for the use of cycled content in new cons

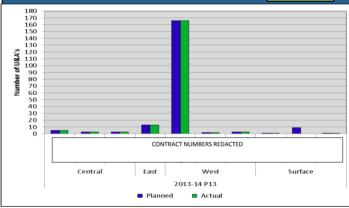
Energy in Construction KPI

prk Rail: At P12, 95% of excavated material and 98% of construction waste had been diverted from landfill.



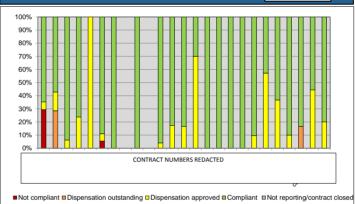
Planning commentary: During P13 there were no planning consents.
Environmental commentary: During P13 there were no environmental consents.

Traffic 1 commentary: During P13 Nine notices met the target (2xC001; 2xC002; 1xC003; and 4xC004) and one notice did not (1xC005) Traffic 2 commentary: During P13 Two submissions met the target (2xC006; and 1xC007) and two submissions did not (1xC008 and 1xC009)



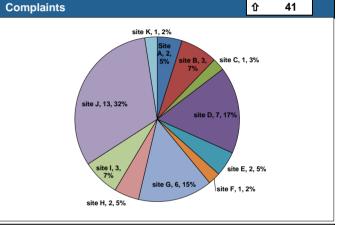
Out of the 10 contracts that were due to upload evidence into CDT, all did so in accordance with their Comm

Surface contracts have only begun to use CDT since P5. Consequently surface performance is not presently include in the overall performance score of 100% otal No. of PIRs raised this period = 1



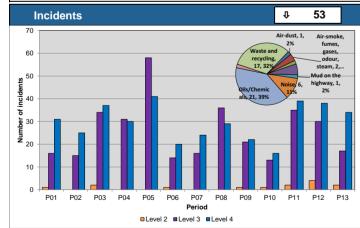
racking of dispensations continues in order to set a consistent approach and get a better understanding of Impliance with emission control standards across the programme. Dispensation reduction ac applemented on all sites by Q4. C001 and C002 did not report in Q3 as contracts have closed.

ease note: The actual % of compliant plant (with dispensatons included) = 81%

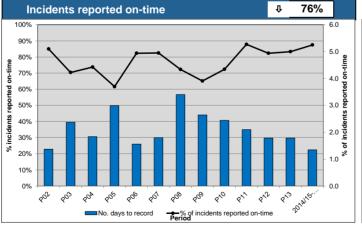


Central Section - Environmental complaints for Period 13 increased (compared to Period 12) at 41. 88% of mplaints for P13 were noise and vibration related. Site J received the most number of complaints (13 in total)

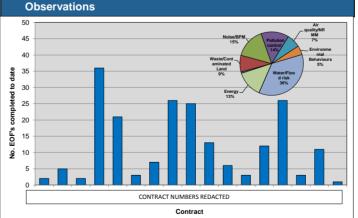
Surface Section: The number of complaints remained constant in Period 13 at 16 complaints (compared to 13 in Period 12). Of the 16 complaints received 9 complaints related to noise, vibration and light, 2 related to highways ssues, 3 related to damage to property and 2 related to general site activities.



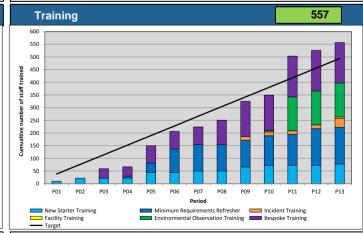
XXXX because XXXX. raffic commentary: - There was 1 level 2 incident recorded in Period 13 (C003 Failure to have a traffic consent (ID 3042539) There was 1 major environmental incident in Period 13 at Site 17 where work was undertaken XXXXXX



The percentage of incidents report 77%. Note: Level 3's and 4's only.



res (e.g. spill kits/drip trays etc) and improper storage of COSHH m



The total number of staff trained has met and exceeded the target. The majority of training conducted this period is Incident Training on contract C001, which was conducted co-jointly with Health and Safety, New Starter Training and Environment Awareness Training to the CRL facility team.

Note: The category "Bespoke training" relates to Smartwaste, air quality- emission control and noise training