

**TRANSPORT FOR LONDON**  
**UNDERGROUND ADVISORY PANEL**

**SUBJECT: JUBILEE AND NORTHERN LINE UPGRADES**

**MEETING DATE: 15 FEBRUARY 2008**

---

**1. Purpose**

- 1.1 The purpose of this paper and associated presentation is to inform the Underground Advisory Panel of the programme and progress of the Jubilee and Northern Line Upgrades.
- 1.2 The presentation provides an overview of the Jubilee and Northern Lines including key statistics relating to each line. It also covers the scope of the upgrades along with details of the Engineering and Operational Issues and the Programme and Progress of the upgrades.

**2. Decision required**

- 2.1 To note the paper.

**3. Equalities implications/Crime and Disorder implications**

- 3.1 While station and train ambiance improvements are not included as part of the Jubilee and Northern Line Upgrades, passengers will benefit from faster more reliable journeys. Additionally, the deliverables of the ongoing Step Free Access programme and the Station Modernisation/ Enhancement programmes will provide benefits in these areas. The Step Free Programme will provide better access for mobility impaired passengers. Similarly, the Station Modernisation/Enhancement programmes will provide modernised or refurbished stations with improved lighting, better visibility, CCTV and more, better-placed passenger emergency alarms which will improve customers' personal security.

**4. Sustainability**

- 4.1 The JNUP project will help to achieve TfL aims for sustainability. New buildings constructed as part of the project are located on brownfield sites and have been built using modern methods of construction which minimise their environmental footprint. Examples of this include the 'green roof' at the new Highgate Northern line Control Centre and the new Train Crew Accommodation at Stratford which has been awarded Beacon Status for its use of sustainable materials and commitment to recycling. The power system upgrade associated with the JNUP project will also enable more energy efficient operation through measures such as increased regenerative braking.

**5. Recommendation**

5.1 The Underground Advisory Panel is recommended to NOTE the paper.