MEDIA FACT SHEET B

SKILLS FRAMEWORK FOR LANDSCAPE

About Skills Framework for Landscape

- The Skills Framework for Landscape is an integral component of the Landscape Transformation Plan (LSTP). It is jointly developed by SkillsFuture Singapore (SSG), Workforce Singapore (WSG), and the National Parks Board (NParks), together with employers, our Institutes of Higher Learning such as Ngee Ann Polytechnic and the National University of Singapore. Industry associations such as the Singapore Institute of Landscape Architects (SILA) and Landscape Industry Association Singapore (LIAS) as well as unions such as the Building Construction, Timber Industries Employees' Union (BATU), and the Singapore Manual and Mercantile Workers' Union (SMMWU) have also contributed to the development of the framework.

- The Skills Framework for Landscape supports the manpower strategies articulated in the LSTP by providing key information on the sector, career pathways, occupations/job roles, as well as existing and emerging skills, and competencies required for the occupations/job roles. The framework also provides a list of training programmes for skills upgrading and mastery.

Who is it for?

- The target groups for Skills Framework for Landscape are as follows:

    - **Individuals** who wish to join or progress within the Landscape sector will be able to assess their career interest, identify relevant training programmes to upgrade their skills, and prepare for their desired jobs;

    - **Employers** will be able to recognise these skills and invest in training their employees for career development and skills upgrading;

    - **Education and training providers** can gain insights on sector trends, existing and emerging skills that are in demand, and design programmes to address the sector needs accordingly; and

    - **Government, unions and professional bodies** will be able to analyse skills gaps and design appropriate SkillsFuture initiatives to upgrade the manpower capability and professionalise the sector.

Key components of the Skills Framework

- The Skills Framework for Landscape contains information on the sector, career pathways, occupations/job roles, skills and competencies, and training programmes. The key components include:

  - Sector information – provides information on key statistics, trends and workforce profiles in the sector;

  - Career pathways – depicts the pathways for vertical and lateral progression for advancement and growth. A total of <u>five</u> tracks has been identified, covering <u>17</u> job roles:

    - Landscape Design

    - Landscape Implementation

    - Horticulture and Turf Maintenance

    - Arboriculture

    - Nursery

  - Occupations and job roles – covers <u>70</u> existing and emerging technical skills and competencies, <u>18</u> generic skills and competencies, and their respective descriptions.

  - Some of the emerging skills identified include:

    - Automation of Landscape Operations - Adopt and incorporate technology within landscape operations to improve productivity, efficiency and effectiveness

    - Biophilic Design - Seek to connect or integrate natural elements and living things such as vegetation, flowing water, and sunlight with the built environment.

    - Building Information Modelling Application - Use Building Information Modelling (BIM) software to make design, engineering, project and operational information accurate, accessible and actionable for engineering projects

- o Ecology in Landscapes - Adopt principles of ecology, which include the interaction of organisms and their environment, in the design, implementation and management of landscapes

- o Environment Management in Landscape Operations -Develop and execute plans to manage the adverse impact of landscape operations on the environment

- Training programmes* for skills upgrading and mastery – provides information on training programmes, which will help aspiring individuals and in-service employees acquire skills necessary for various jobs.

*The training programmes for the Skills Framework for Landscape will be made available at www.skillsfuture.sg/skills-framework/Landscape