

NATIONAL
GREEN
INFRASTRUCTURE
CERTIFICATION
PROGRAM

ngicp



Background



Pittsburgh
Water & Sewer
Authority



What is it?



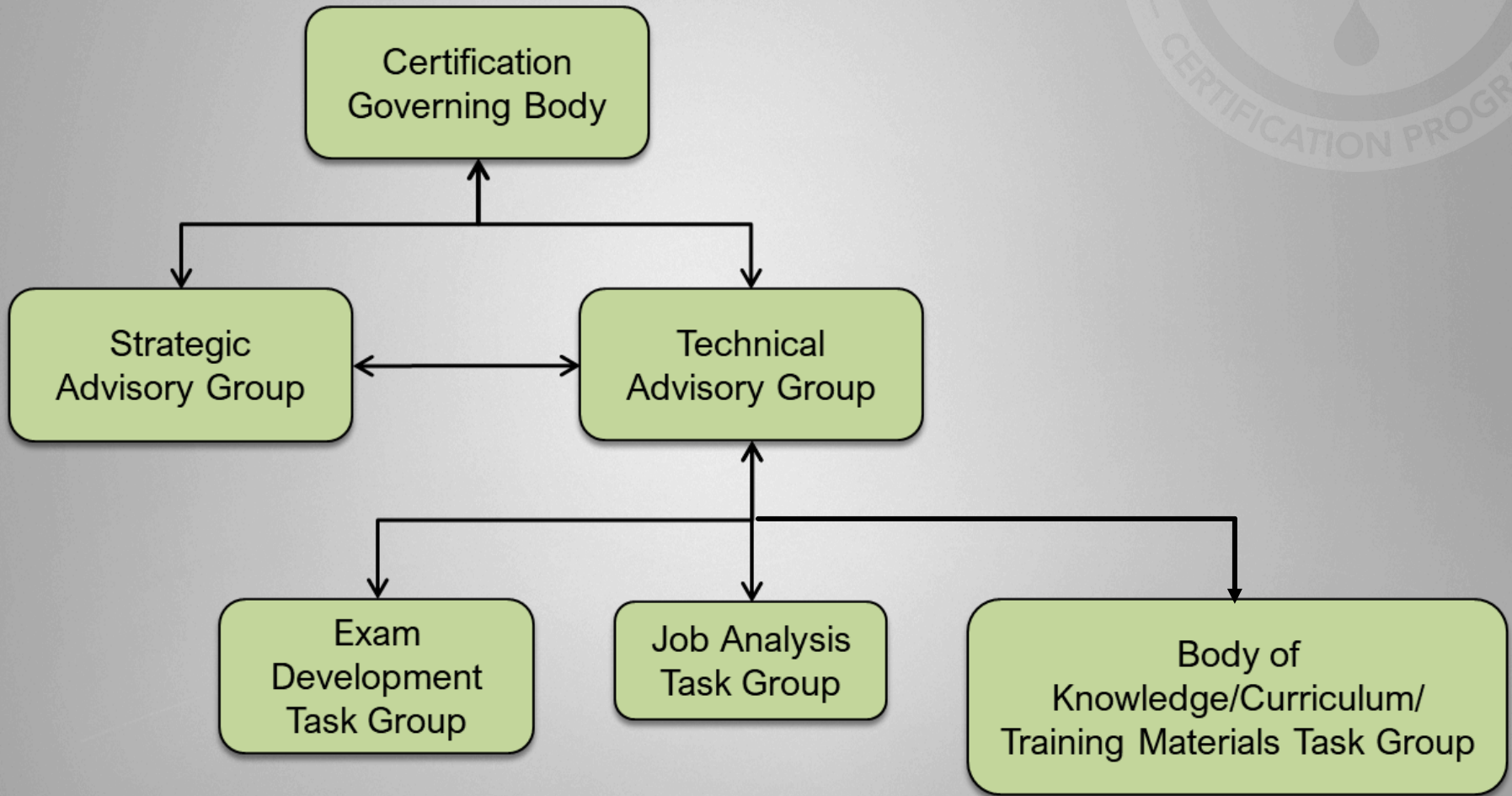
- ▶ Standard for construction, inspection and maintenance
- ▶ National credential
- ▶ Developed in accordance with ANSI accreditation guidelines

Who is it for?

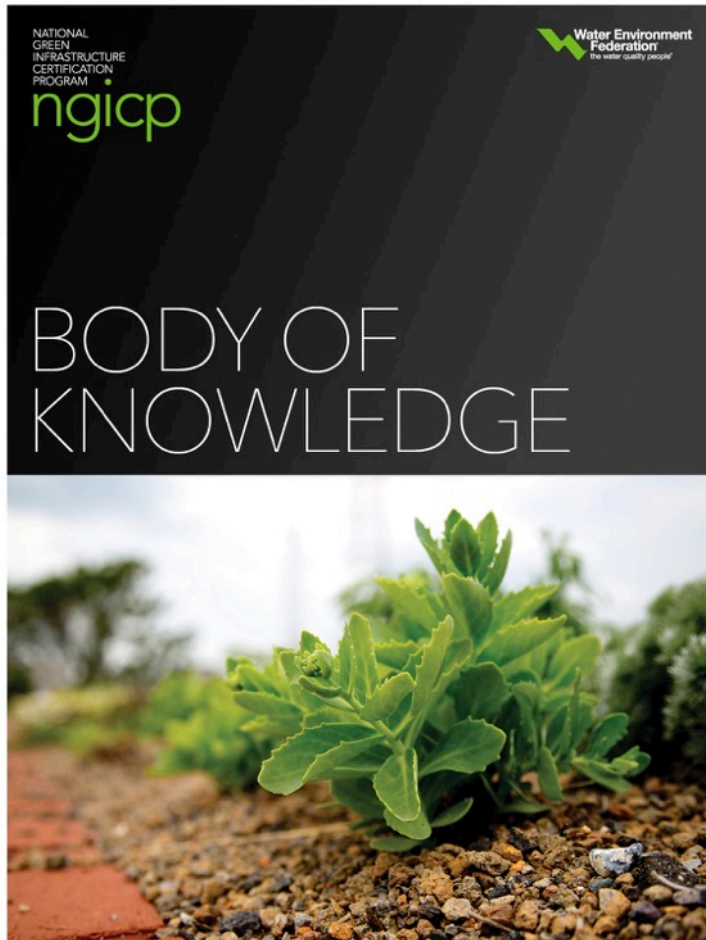
- ▶ Construction and maintenance workers
- ▶ High school diploma/GED
- ▶ 35 hour minimum training
- ▶ Chronically un- and under-employed*



Structure



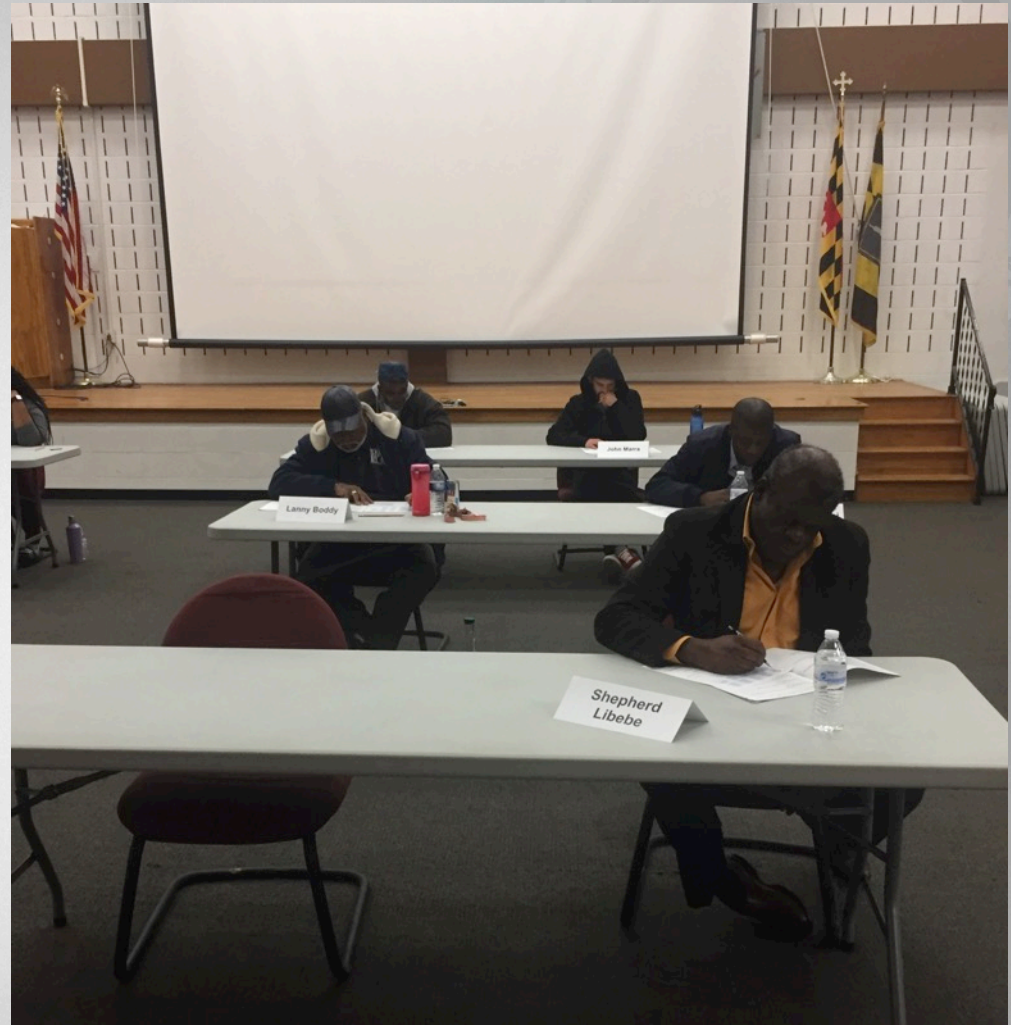
Body of Knowledge



- ▶ Existing GI educational materials
- ▶ Publications/manuals/technical bulletins
- ▶ Brochures/factsheets/forms/checklists, videos/webcasts
- ▶ Books
- ▶ http://ngicp.org/wp-content/uploads/2016/07/NGICP_Body-of-Knowledge-1.pdf

Exam Blueprint

- ▶ Watershed fundamentals: 6-10%
- ▶ Practices: 19-23%
- ▶ Methods and materials: 50-54%
- ▶ Functionality/appearance: 17-21%



http://ngicp.org/wp-content/uploads/2016/11/NGICP-Exam-Blueprint-Summary_Nov-2016.pdf

Workforce Development



- ▶ Top priority for WEF/ partners
- ▶ Part of a larger workforce development program
- ▶ Indicators of success:
 - ▶ Reading/math skills
 - ▶ “Soft” skills

Now what?

- ▶ Pilot to Program: January 2018
- ▶ **More trainings: ongoing**
- ▶ New partners: ongoing
- ▶ Computer-based testing: fall 2018
- ▶ Online modules: Fall 2018
- ▶ **NGICP goes to high school: fall 2018**
- ▶ **NRPA partnership**



Boston Combined Training and Exam

- ▶ In partnership with Boston Water and Sewer Commission
- ▶ July 23-27
- ▶ <http://ngicp.org/program/for-applicants/>



**Boston Water and
Sewer Commission**

NGICP goes to high school



- ▶ Woodson STEM High School, Ward 7, DC
- ▶ Incorporating curriculum into capstone program
- ▶ Test post-graduation
- ▶ Partner with DC Water for job placement
- ▶ Kick-off September 2018

NRPA Partnership

- ▶ National Recreation and Park Association
- ▶ UDC Urban Sustainability and Environmental Sciences (CAUSES)
- ▶ Blended learning for parks staff



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