## Activity 1: Improved Safety Culture in the Workplace

### 1a. Increased worker empowerment
- Focus on integrating infectious disease / biosafety training into other programs (AE)
- Develop a DOE SCP support strategy and white paper with recommendations for engagement (A for 2020)

### 1b. Trained workers who can identify workplace hazards
- Provide training on Process Safety Management (PSM) (California)
- Develop and incorporate training modules for opioids and other emerging threats
- Monitor and encourage use of appropriate controls for emerging threats, e.g. Hanford tank farms (AE)

### 1c. Trained workers who understand how to take action
- Continue providing and sharing training on California Aerosol Transmissible Diseases Standard (AE)
- Create an initiative focused on psychosocial safety and mental health (AE)

### 1d. Safer company practices and policies
- Provide safety culture training specific to DOE (AE)
- Focus on meaningful worker involvement in all WSAM programs (VPP, 651, 12P, etc.) (AE)

## Goal 2: Reduced Morbidity and Mortality

### 2a. Improved policies and regulations/ Improved enforcement of health and safety practice/policy/regulation
- Work on Federal Lead Strategy, Objective 1.5 Training (D)

### 2b. Updated policy and regulation
- Communicate how workplace injuries and illnesses lead to opioid use/misuse, partner with NIOSH, MA Dept of Health, and others (AE)
- Monitor and engage in the revisions to RadCon training (AE)
- Continue strengthening partnerships with DOE, contractors, EFCCO (AE), and Energy Communities Alliance (A)
- Engage with EPA, I.E., Brownfields, workforce development (AE)
- Monitor regulatory activity and engage with agencies as appropriate (A)

## Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities

### 3a. Increased opportunities/increased links between workers, workplace, and communities
- Develop a white paper on WSAM programs (including VPP) and worker involvement (A)
- Continue focus on at-risk populations/workforce development, specifically re: disaster response (AE)
- Perform outreach to and collaboration with local/gov’t, tribal communities and contractors (AE)
- Implement Work & Health Equity curricula with workers (AE)
- Increase preparedness for broader populations into disaster response, e.g., ESAP (AE)

### 3b. Increased grantee knowledge base
- Share safety culture training from DOE IAPP and CPWR with other grantees (AE)
- Share WRLC’s training on Process Safety Management (PSM) with other grantees (D)
- Share best practices and model training (methods, partnerships, evaluation, etc.), via conferences, articles, webinars (AE)

### 3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals
- Maintain OSHA/NIOSH disaster relationships, e.g., ERHMS (AE)
- Continually document and refresh ESAP section of DMS (AE)
- Encourage success planning and integrate new PIs and staff into the program (AE)
- Develop strategies to ensure data integrity by comparing DMS and progress reports (AE)
- Facilitate DOE reciprocity among DOE awardees (AE)
- Quantify at-risk populations in non-ECWT programs; Define at-risk, do focused queries, revise progress report guidance (D)
- Increase capacity for multi-lingual trainers and curricula (AE)
- Continue writing success stories (AE)
- Continue efforts to integrate into HHS response plan(s) and framework(s) (AE)

### 4a. Appropriate levels of funding
- Work to finalize DOE economic impact assessment (A)
- Monitor progress reports and evaluations to ensure continuous improvements (D)
- Publish ECWTP economic benefits findings (AE) & integrate theme of economic value in materials (AE)
- Plan and implement an HWWTP program evaluation addressing program mandate and mission (A for 2020)
- Create data visualizations for use in briefings, reports and on web pages (AE)

### 4b. Use of current technologies in training
- Use training technology guidance from Minimum Criteria in trainings

## Goal 4: A Sustainable Program that Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission

### 4a. Promotion of innovation through research and grants
- Continue encouraging interactions and partnerships between traditional & SR&E grantees and between DOE
- Work with PAB to evaluate SR&E grants (A)
- Create a thought piece on innovation as it pertains to WTP, keeping in mind NHM requirements (A)
- Conduct a webinar for all applicants after FOA comes out (D)
- Market SR&E program to encourage more applications (AE)

### 4b. Use of current technologies in training
- Use training technology guidance from Minimum Criteria in trainings

## 5. Science-based activities
- Encourage grantees to seek opportunities for publication in peer-reviewed journals and grey literature (AE)
- Document results of lessons learned from infectious disease work, starting with Community of Practice webinar (A)
- Participate in formulation of appropriate data sets for training (AE)
- Work with PAB to develop SR&E process for funding (D)
- Develop a plan to incorporate meaningful lessons learned intoPlan(s) (AE)
- Conduct a webinar for all applicants after FOA comes out (D)
- Market SR&E program to encourage more applications (AE)
### Goal 1: Improved Safety Culture in the Workplace

**1a. Increased Worker Empowerment**
- Objective 1: Identify areas where training can empower workers to promote workplace safety
- Objective 2: Educate supervisors of the advantages of empowered workers as they relate to health and safety

**1b. Trained Workers Who Can Identify Workplace Hazards**
- Objective 1: Identify hazard identification competencies for workers
- Objective 2: Incorporate hazard identification competencies into all WTP training
- Objective 3: Assess hazard identification competencies after training
- Objective 4: Work with stakeholders to incorporate hazard identification competencies into their worker training

**1c. Trained workers who understand how to take action**
- Objective 1: Identify mechanisms by which workers may take action to protect themselves from workplace hazards
- Objective 2: Include these mechanisms in all WTP training
- Objective 3: Assess worker competency in understanding these mechanisms
- Objective 4: Collaborate with stakeholders to incorporate these competencies in their training

**1d. Safer company practices and policies**
- Objective 1: Identify company workplace health and safety practices/policies that require revision
- Objective 2: Collaborate with stakeholders to develop revisions for improvement
- Objective 3: With stakeholders, work with company leadership to revise company health and safety practices/policies

### Goal 2: Reduced Morbidity and Mortality

**2a. Improved Policies and Regulations/Improved enforcement of health and safety practice/policy/regulation**
- Objective 1: Identify policies and regulations that require improvement
- Objective 2: Collaborate with stakeholders to develop revisions that incorporate recommended improvements
- Objective 3: Meet with policy makers/regulators to promote change in policies/regulations
- Objective 4: Identify enforcement strategies to be used to improve compliance with practice/policy regulation
- Objective 5: Work with stakeholders to incorporate enforcement strategies into company practice
- Objective 6: Integrate enforcement strategies into worker empowerment training
- Objective 7: Assess effectiveness of enforcement practices at the company level

**2c. Updated policy and regulation**
- Objective 1: Monitor policies/regulations for need of revision

### Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities

**3a. Increased job opportunities/Increased links between workers, workplace, and communities**
- Objective 1: Working with community stakeholders, identify job opportunities for hazardous materials workers (Grantees)
- Objective 2: Continue funding environmental health/hazardous materials training programs

**3b. Increased grantee knowledge base (and supporting and developing trainers)**
- Objective 1: Identify mechanisms for cross training of grantees
- Objective 2: Support grantees by funding cross training experiences

**3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals**
- Objective 1: Assess strategic stakeholders, opportunities for collaboration in support of WTP programs
- Objective 2: Support and provide mechanisms, including websites, to communicate with stakeholders
- Objective 3: Develop and implement mechanisms to evaluate WTP program activities
- Objective 4: Promote innovative and technologic methodologies to deliver training

### Goal 4: A Sustainable Program Based in Science and that Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission

**4a. Appropriate levels of funding**
- Objective 1: Maintain the base budget to at least current levels
- Objective 2: Develop partnerships with other federal organizations to fund joint projects
- Objective 3: Work with HHS leadership to compete for supplemental appropriations when available

**4b. Use of current technologies in training**
- Objective 1: Assess and apply current technologies to WTP training programs
- Objective 2: Promote training technology development and application in SBIR program
- Objective 3: Evaluate benefits of technology in training

**4c. Promotion of innovation through research and grants**
- Objective 1: Identify opportunities to incorporate innovation in WTP training
- Objective 2: Use grants and other funding methods to advance innovation in WTP programs
- Objective 3: Assess use of innovation in enhancing WTP programs

**4d. Science-based activities**
- Objective 1: Support science-based research activities
- Objective 2: Incorporate science-based practices into all WTP programs and training
- Objective 3: Collaborate with stakeholders in conducting research related to worker health and safety