



COMMUNITY REUSE ORGANIZATION

two states, one future

Current Assets & Future Expectations

WASTE MANAGEMENT 2013 CONFERENCE

PHOENIX, AZ

FEBRUARY 25, 2013



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Where did Community Reuse Organizations come from?

- Section 3161 of the Defense Authorization Act of 1993 initiated the creation of “Community Reuse Organizations” across the US in response to the negative social and economic impacts of workforce restructuring
- DOE made a commitment to provide financial assistance for economic development and site reuse activities developed by the affected communities
- 15 CROs were formed across the US



SRSCRO Purpose

- Promoting the **common economic interests and benefits** of the residents, businesses and industries and to stabilize the economy with balanced growth throughout the service area
- Obtaining **maximum utilization of other physical and human resources at SRS** and other regional facilities and institutions through existing and new programs
- Helping to **expand existing businesses and industries**
- **Assisting local economic development entities in recruiting new companies to locate in the service area, while protecting the existing quality of life** in the service area and neighboring areas through economic growth and creation of job opportunities



Unique Nuclear Region



SCANA (VC Summer):

- 1 Operating Unit
- 2 AP 1000 Units (2012-2019)
- Shaw Construction

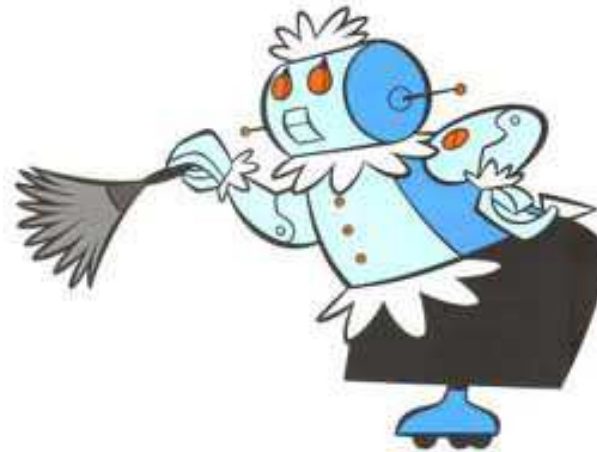
Southern Co. (Vogtle):

- 2 Operating Units
- 2 AP 1000 Units (2012-2019)
- Shaw Construction

SRS:

- Shaw/Areva MOX
- Savannah River Nuclear Solutions
- Savannah River Remediation
- Parsons
- Department of Energy
- NNSA

Where I Thought We Would Be



Technological Progress

- 2001 - Jonathan Ive's invention, the Apple iPod, is publicly announced
- 2002 - Ortho McNeil Pharmaceutical invents the birth control patch
- 2003 - Toyota's Hybrid Car is introduced in Japan
- 2004 - Intel Express Chipsets are invented to provide built-in sound and video capabilities for the PC
- 2005 - YouTube is invented by Steve Chen, Chad Hurley and Jawed Karim
- 2006 - Tesla Motors invents the Tesla Roadster 100 that runs on a huge lithium-ion battery taking it up to 250 highway miles
- 2007 - Dow Corning invents special clothing for bikers that remains soft unless impacted by a fall upon which time the entire piece of clothing becomes rigid, protecting the body
- 2008 - Flying Windmills are invented by Sky Windpower, a San Diego company that extracts energy from the jet stream possibly satisfying the planets energy requirements.
- 2009 - The Sixth Sense wearable gestural interface is invented letting natural hand gestures interact with a computer.
- 2011 - The Bed Bug Detective utilizes a digitized organic compound sensor that detects bedbugs by sensing two pheromones that they produce



Community Reuse Organization Function

Community Reuse Organization - accepts and dispositions excess personal and real properties from US DOE for the purpose of industrial, economic, commercial, and civic development within a designated area.



Excess Assets – Personal Property



COMMUNITY REUSE ORGANIZATION

One vision, one future



Working Our Way Through Collaboration
AN ORGANIZATION OF THE COMMUNITY REUSE ORGANIZATION

Excess Assets – Personal Property



Real Estate License Agreement

- Use designated space within, or around, certain Government-owned facilities at SRS
- Grants permission to use designated structures, together with ingress and egress, for purposes of preparing and removing such real property structures, installed equipment and/or related personal property for transfer to SRSCRO as personal property



Asset Removal Projects



- 90 Pound Rail
- 14.2 Miles
- 2,160 Tons of Rail
- Over 40,000 Ties
- Over 40,000 tons rock ballast

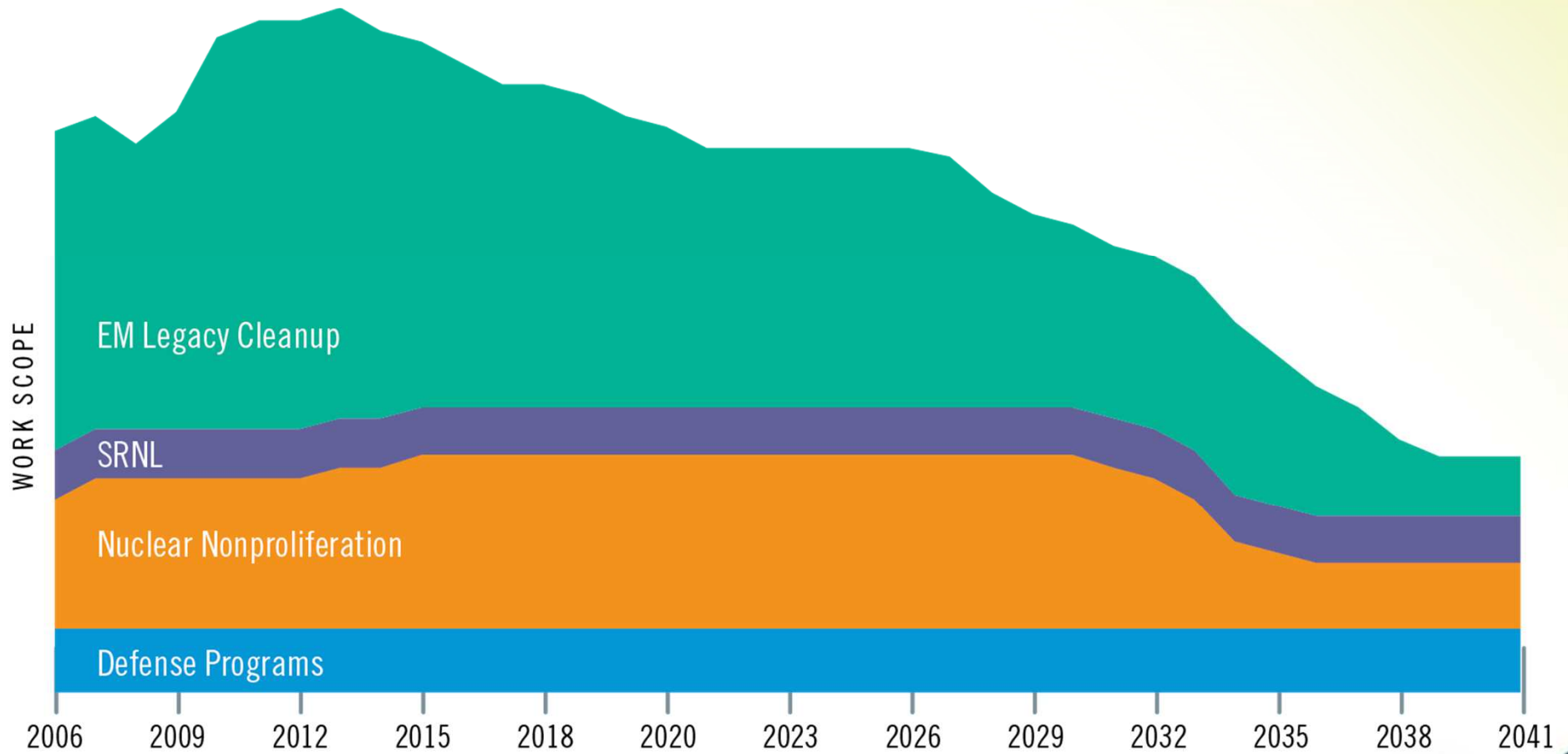


Potential Future Asset Work Scope

- **Excess Trailers**
- **River Water Motors – 1G Pump House**
- **K, A, D-Area Power House Equipment**
- **K, A-Area Abandoned Tanks**
- **D-Area Chemical Storage Building**
- **F& H Pole Barn**
- **Wood Chipper**
- **MOX Wood Packaging Materials**
- **Abandoned Coal Yard Material**



Current Reality



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Changing Our Own Through Collaboration



SRS is Not a Closure Site



U.S. DEPARTMENT OF
ENERGY

Nuclear Knowledge for the Nation

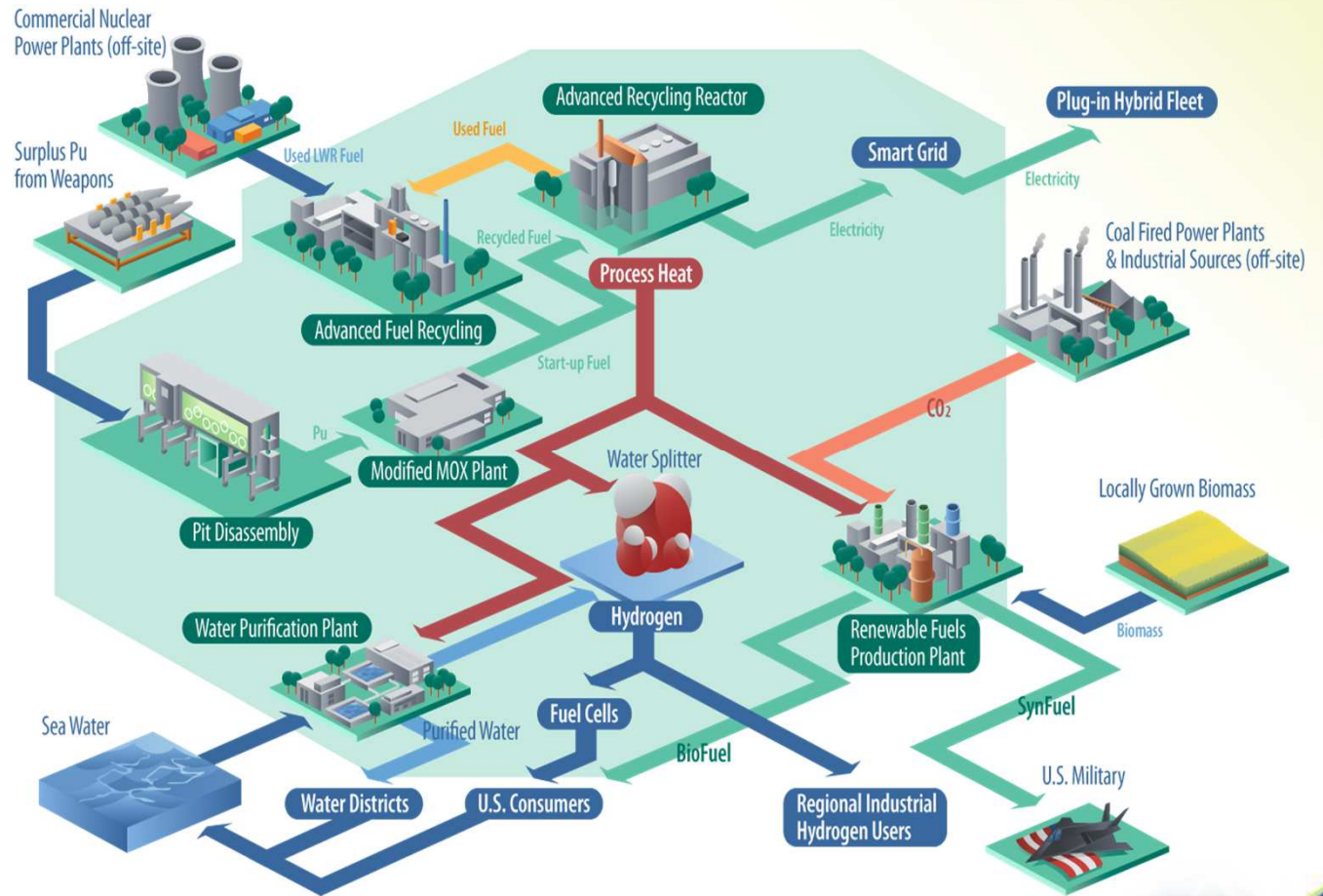
enterprise.srs



NATIONAL SECURITY | CLEAN ENERGY | ENVIRONMENTAL STEWARDSHIP



We Can Dream and Wish



SRNL Complex

- Current SRNL facilities are outdated and expensive to operate
- Difficult to attract/retain new talent in old buildings
- Future for community is technology
- Current facilities make that difficult
- Difficult to work with industry
- New missions demand new facilities
- Third party financing, bonds, and other instruments are available



Community Concept



Only Seven Years Away



Pending Future Actions

- Yucca Mountain Law Suites – Court Decision
- Implementation of DOE Strategy on Blue Ribbon Commission Recommendations
- Surplus Plutonium Disposition – Expedite decision – pit disassembly & conversion alternatives
- DOE SMR Award(s) and Actions



Future Expectations

- Continued Utilization of H-Canyon
- Preference to process over storage of L-Basin spent nuclear fuel
- SMR Demonstration
- NNSA organizational structure at SRS
- SRS M&O Contract Rebid
- SRS Tritium Operation – Single Contracting Option
- SRS Ultimate Landlord Status
- Prioritize Vitrified Defense Waste over Commercial Spent Fuel – “Move it in the next 3-5 years”



Legislation & Policy Changes

- UNF & Defense HLW Storage and Disposition
- BRC Authorization and Appropriations
- Asset Reutilization
- Energy Parks & Energy Technology
- DOE Property Transfer & Leasing
- DOE Purchase Power Agreements
- Rate Structure



Challenges Moving Forward

- **Enterprise SRS**
 - New SRNL Complex
 - Workforce Recruitment and Education
 - OMB Impediments
- **SRS Budget Impacts**
 - SWPF Cost Overruns
 - DWPF Reduced Canister Production
 - MOX Construction and Operations
 - Budget Sequestration



Hurdles & Changes

- Allocated DOE & Contractor Budgets
- Adversarial & “Turf” Protection Issues
- Innovative Thinking
- Risk Avoidance
- DOE Entrenched Culture



SRSCRO Role & Tools for the Future

- Access to Regional Community Leaders
- SRS Asset Reutilization & Property Transfers
- Convener for Consensus Building
- Potential Grant and Funding Partner
- Educating Federal, State, and Local Government Officials
- Liaison to Regional Economic Development Groups
- Workforce Training Collaboration
- Public Community Voice

