# \*\*\*\*1AC\*\*\*\*

# Contention One: Manufacturing

## SMR’s are key to revive domestic manufacturing-robust export market and job creation.

Locatelli and Mancini, Politecnico di Milano Department of Economics, 11

(Giorgio and Mauro, Dept. Management, Economics and Industrial Engineering, "The role of the reactor size for an investment in the nuclear sector: An evaluation of not-financial parameters," Progress in Nuclear Energy Volume 53, Issue 2, March 2011, Science Direct, accessed 9-28-12, mtf)

11. Impact on employment This aspect … differential and promotes the SMR choice.

## Infrastructure exists now-US can be a first mover and corner the market on SMR’s

Rosner and Goldberg, Energy Policy Institute at Chicago, 11

(Robert and Stephen, The Harris School of Public Policy Studies at the University of Chicago; Contributor: Joseph S. Hezir, Principal, EOP Foundation, Inc. "Small Modular Reactors – Key to Future Nuclear Power Generation in the U.S.," Technical Paper, Revision 1, November 2011, https://epic.sites.uchicago.edu/sites/epic.uchicago.edu/files/uploads/EPICSMRWhitePaperFinalcopy.pdf, accessed 8-6-12, mtf)

As stated earlier, SMRs have the potential …, Russia, and, now rapidly emerging, China

## Manufacturing is set to decline-previous growth strategies are no longer viable

**Reuters 10-12-12**

(“Moment of truth approaching for U.S. manufacturers”, http://www.reuters.com/article/2012/10/12/us-usa-manufacturing-results-idUSBRE89B07M20121012, DOA: 11-5-12, ldg)

How far can cost-cutting get you in a … recorded in the first quarter of 2012.

## US is on verge of a double dip recession

**Pethokoukis, American Enterprise Institue, 10-26-12**

(James, “Weak GDP report shows no end in sight for the Long Recession”, http://www.aei-ideas.org/2012/10/weak-gdp-report-shows-no-end-in-sight-for-the-long-recession/, DOA: 11-5-12, ldg)

The third-quarter GDP report was a …. the U.S. into a deep, deep hole:

## Global economic crisis causes war---strong statistical support

**Royal, director of Cooperative Threat Reduction at the U.S. Department of Defense, 2010**

(Jedediah, Economics of War and Peace: Economic, Legal, and Political Perspectives, pg 213-215, ldg)

Less intuitive is how periods of economic ….be considered ancillary to those views.

**Economic wars go nuclear.**

**Auslin and Lachman, scholar and fellow at American Enterprise Institute, 2009**

(Michael and Desmond, “The Global Economy Unravels”, 3-6, http://www.forbes.com/2009/03/06/global-economy-unravels-opinions-contributors-g20.html, ldg)

The threat of instability is a pressing … that coalesce into a big bang.

## Manufacturing fuels hegemony and the economy-key to gains in jobs and innovation

**Boushey, Center for American Progress senior economist, 2012**

(Heather, “Testimony before the U.S. House of Representatives Committee on Ways and Meanson Tax Reform and the U.S. Manufacturing Sector”, 7-19, waysandmeans.house.gov/uploadedfiles/boushey\_testimony.pdf, DOA: 11-5-12, ldg)

Having a strong manufacturing … **ideas.** How will we fare if those ideas originate somewhere else?”34

## Domestic manufacturing key to maintain robust military capabilities.

**Ezell, ITIF senior analyst, 11**

(Stephen J. “The Case for a National Manufacturing Strategy.” April 2011. <http://www2.itif.org/2011-national-manufacturing-strategy.pdf>. Accessed: 9/29/2012. ADC)

 A strong manufacturing base is vital … in the coming decades.”58

## Independently energy export dominance is key to hegemony

**Klarevas, NYU Global Affairs professor, 2009**

(Louis, “Securing American Primacy While Tackling Climate Change: Toward a National Strategy of Greengemony”, Huffington Post, 12-15-9, www.huffingtonpost.com/louis-klarevas/securing-american-primacy\_b\_393223.html, DOA: 11-5-12, ldg)

As national leaders from around the world are … to promote a national strategy of greengemony.

## Ensures heg effectiveness and conflict suppression- no alt causes

**Hubbard, Open Society Foundations program assistant, 2010**

(Jesse, “Hegemonic Stability Theory: An Empirical Analysis”, 5-28, <http://isrj.wordpress.com/2010/05/28/hegemonic-stability-theory/>, DOA: 11-5-12, ldg)

Regression analysis of this data … it is vulnerable to even a short blast of wind.

## Alternative to heg is nuclear war

**Zhang et al., Carnegie Endowment researcher, 2011**

(Yuhan, “America’s decline: A harbinger of conflict and rivalry”, 1-22, <http://www.eastasiaforum.org/2011/01/22/americas-decline-a-harbinger-of-conflict-and-rivalry/>, DOA: 9-21-11, ldg)

This does not necessarily mean that the US … be devoid of unrivalled US primacy.

# Contention Two: Proliferation

## Nuclear power will expand globally, even in Japan and Germany. BUT they will be large reactors built outside the US.

**Talbot, Dundee Securities senior mining analyst, 8-14-12**

(David, “Who Will Fill the 24 Million Pound Uranium Supply Gap?: David Talbot”, <http://www.businessinsider.com/who-will-fill-the-24-million-pound-uranium-supply-gap-david-talbot-2012-8>, DOA: 11-5-12, ldg)

The Energy Report: In your last interview, "The … growth in nuclear power.

## This will result in breakout proliferation-asymmetries undermine deterrence and ensure nuclear war-safeguards are key.

 (Fast/breakout, checks US influence, miscalc risk (small difference/opaqueness)

**Sokolski, Nonproliferation Policy Education Center Executive Director, 09**

(Henry, June 1, 2009, “Avoiding a Nuclear Crowd”, http://www.hoover.org/publications/policy-review/article/5534, 10/3/12, atl)

Finally, several new nuclear weapons … of this, however, is inevitable.

## US construction is key to solve-SMR’s would out compete other models and a strong domestic industry ensures maintenance of the global gold standard.

**Miller, Bipartisan Policy Co-Chair for the Nuclear Initiative, 12**

(Dr. Warren F. “Pete” e-, Former DOE Assistant Secretary for Nuclear Energy, Senator Pete Domenici, July 2012, “Challenges and Opportunities Facing Nuclear Energy in the United States”, http://bipartisanpolicy.org/sites/default/files/Leadership%20in%20Nuclear%20Energy%20Markets.pdf, 8/14/12, atl)

Several other countries, by contrast, …development, and deployment (RD&D) programs.

## The plan causes other suppliers to model US practices-ensures no proliferation.

**Sokolski, Nonproliferation Policy Education Center Executive Director, 11**

(Henry, “The Post-Fukushima Arms Race?”, Foreign Policy, July, 29, 2011,http://www.foreignpolicy.com/articles/2011/07/29/the\_post\_fukushima\_arms\_race?print=yesandhidecomments=yesandpage=full, 10/9/12, atl)

A Japanese decision to resist temptation and …as it has reluctantly in the past.

## Other countries follow the US lead-ensures they’ll pick SMR’s and implement safety measures

**Lieberman, American Physical Society senior government relations specialist, 11**

(Jodi, November 15, 2011 “Nonproliferation, Congress, and Nuclear Trade: Plus ça change, plus c’est la même chose” http://csis.org/files/publication/111116\_nonproliferation\_congress\_and\_nucleartrade.pdf)

 U.S. Nonproliferation Influence While …summit will be held in South Korea in 2012.

## Proliferation causes nuclear war-crisis escalation, aggression, saving face, delegation and launch on warning guarantee it.

Kroenig, Georgetown University Government assistant professor, 12

(Matthew, Assistant Professor of Government at Georgetown University and Stanton Nuclear Security Fellow at Council on Foreign Relations, “The History of Proliferation Optimism: Does It Have A Future?,” 5-26-12, http://www.npolicy.org/article.php?aid=1182andrtid=2, accessed 10-2-12, mtf)

The proliferation optimist position, … less-resolved opponents to back down.

# Plan Text

## The United States federal government should substantially increase loan guarantees for small modular thermal reactors.

# Contention Three: Solvency

## Capitalization is key to nuclear commercialization-only the federal government can leverage the funds necessary

Bennett, Vice President for Public Affairs, Third Way, 10

(Matt, Josh Freed is Director of the Third Way Clean Energy initiative, Jeremy Ershow is a Policy Advisor at Third Way, “Breaking the Nuclear Financing Barrier,” February 10, http://content.thirdway.org/publications/265/Third\_Way\_Idea\_Brief\_-\_Breaking\_the\_Nuclear\_Financing\_Barrier.pdf, accessed 9-30-12, ara)

High financing costs stand in the way … budget request to triple the loan volume.

## SMR’s can be commercialized quickly and are safe-studies prove they have multiple advantages

Kessides and Kuznetsov, World Bank chief economist, 12

(Ioannis N., Development Research Group and The World Bank; and Vladimir, Consultant at The World Bank, "Small Modular Reactors for Enhancing Energy Security in Developing Countries," Sustainability 2012, 4.8, http://www.mdpi.com/2071-1050/4/8/1806/htm, accessed 9-29-12, mtf)

SMRs offer a number of advantages … by significant economies of scale [19].

## NRC will streamline SMR’s

Sullivan, et al., partner, Hogan Lovells’ LLP, 10

(Mary Anne, partner in Hogan Lovells' energy practice in Washington, D.C., Daniel F. Stenger is a partner in Hogan Lovells' energy practice, Amy C. Roma is a senior associate in Hogan Lovells' energy practice, “Are Small Reactors the Next Big Thing in Nuclear?” 12-21-10, <http://www.elp.com/index/display/article-display/3288852302/articles/electric-light-power/volume-88/issue-6/sections/are-small-reactors-the-next-big-thing-in-nuclear.html>, accessed 9-20-12, ara)

The biggest challenge to getting … initiative through industry working groups.

## SMR’s compete with gas-better risk premium and no volatility

**Rosner, Distinguished Service Professor, Departments of Astronomy and Astrophysics, and Physics – Chicago University, 11**

(Robert e-, Senior Fellow, Computation Institute; Director, Energy Policy Institute; Enrico Fermi Institute; Harris School of Public Policy, Stephen Goldberg, Special Assistant to the Director Argonne National Laboratory, “Small Modular Reactors – Key To Future Nuclear Power Generation In The U.S.”, Energy Policy Institute at Chicago The Harris School of Public Policy Studies, 6/2/12, atl)

In both the 2004 Chicago Study and … quality for nuclear power plants.

## We have the workforce and infrastructure

**Spencer et al, Thomas A. Roe Institute for Economic Policy Studies research fellow, 11**

(Jack. “A Big Future for Small Nuclear Reactors?” Heritage Foundation. 2-02. <http://www.heritage.org/research/reports/2011/02/a-big-future-for-small-nuclear-reactors>. Accessed: 9/7/2012. ADC)

Domestic Production. Although the … capabilities—all in the United States.

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# Solvency

## No decline in construction

**Wagman, Power Magazine, 11-1-12**

(David, “What Worldwide Nuclear Growth Slowdown?”, <http://www.powermag.com/nuclear/What-Worldwide-Nuclear-Growth-Slowdown_5087_p4.html>, DOA: 11-5-12, ldg)

The Fukushima accident had little effect on … expected completion date earlier this year.

## Over 45 countries will acquire nuclear power

**WNA 2012**

(World Nuclear Association, “Emerging Nuclear Energy Countries”, September, <http://www.world-nuclear.org/info/inf102.html>, DOA: 11-5-12, ldg)

Over 45 countries are actively considering … Europe, North America and Japan.

## Barely any waste

Tularak, Office of Atoms for Peace, 11

(Thitidej; and Supervisor Dr. Totju Totev Argonne National Laboratory USA, "IAEA Fellowship Work Report," This report is generated as a summary of all the works and studies at Argonne National Laboratory (ANL) as part of IAEA Fellowship Program (THA-10014) from May 31, 2011 – June 30, 2011, http://ansn.oaep.go.th/files/report5\_3.pdf, accessed 9-29-12, mtf)

Reduced spent fuels and waste management obligation: … fuels or even have no spent fuel pool.

# T

## 1. We meet – limited US investment in the squo- reactors will fall from 104 to 4 by 2050 – that’s Miller – Means we’re 50% increase

## Substantially

**Random House**, 200**9**

[Dictionary.com Unabridged Based on the Random House Dictionary, "Substantially," http://dictionary.reference.com/browse/substantially, mss]

sub⋅stan⋅tial [suhb-stan-shuhl]

–adjective

1. of ample or considerable amount, quantity, size, etc.: a substantial sum of money.

2. of a corporeal or material nature; tangible; real.

3. of solid character or quality; firm, stout, or strong: a substantial physique.

4. basic or essential; fundamental: two stories in substantial agreement.

5. wealthy or influential: one of the substantial men of the town.

6. of real worth, value, or effect: substantial reasons.

7. pertaining to the substance, matter, or material of a thing.

8. of or pertaining to the essence of a thing; essential, material, or important.

9. being a substance; having independent existence.

10. Philosophy. pertaining to or of the nature of substance rather than an accident or attribute.

–noun

11. something substantial.

## Substantially has many meanings- defer to context

**Gettleman**, US District Judge, 7-30-200**7**

[Robert W., UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF ILLINOIS, EASTERN DIVISION, 504 F. Supp. 2d 360; 2007 U.S. Dist. LEXIS 56606, l/n, accessed 8-1-10, mss]

Expressions such as "substantially" are used in … which interpretation should be adopted.

## We meet counter-interp – loan guarantees increase government investment in nuclear energy

## 3. Grounds

## A. No ground loss – loan guarantees spend money and link to spending, neg gets all nuclear specific answers and advantage answers and DAs, and mech answers to LGs

## B. Aff flex – neg gets block, conditionality, and policy and critical advocacies – aff flexibility for mechanism key to check neg advantages

## C. Their interp is bad – limits out affs like oil and coal- we can never have a 50% increase in production since supply is so huge now

## D. Potential abuse is not a voter

# K

## The role of ballot is to answer the question of the resolution of should the United States federal government increase energy production – that’s key to aff and neg ground and better for education for every year

## Perm do the plan and all non-mutually exclusive parts of the alt

## We can use security discourse for progressive aims.

**Huysmans, Open University Politics Lecturer, March 1999**

(Jef, “Language And The Mobilisation Of Security Expectations. The Normative Dilemma Of Speaking And Writing Security,” [www.essex.ac.uk/ecpr/events/jointsessions/paperarchive/mannheim/w18/huysmans.pdf](http://www.essex.ac.uk/ecpr/events/jointsessions/paperarchive/mannheim/w18/huysmans.pdf), DOA: 8-15-11, ldg)

There is no solution for the normative … good that should be secured.42

## Securitization is inevitable.

**Loader et al., All Souls College criminology professor, 2007**

(Ian, Civilizing Security, pg 258-9, ldg)

The way ahead, in our view, and the focus … inevitable exists in some form or other.

## Security is a pre-req to the alt – gives value to our existence

**Booth, Wales International Politics professor, 2005**

(Ken, Critical Security Studies and World Politics, pg 22, ldg)

The best starting point for conceptualizing … can reinvent itself beyond the merely biological.

## No threat con – the causality of their impact is awful

**Ghughunishvili, CEU IR masters, 2010**

(Irina, “Securitization of Migration in the United States after 9/11: Constructing Muslims and Arabs as Enemies”, online pdf, ldg)

As provided by the Copenhagen …and can relate to their speeches.

## Alt leads to interventionism-turns the K

**McCormack, PhD in International Relations from the University of Westminster, 2010**

(Tara, Critique, Security and Power: The political limits to emancipatory approaches, page 127-129, ldg)

The following section will briefly raise some … critical and emancipatory theoretical approaches.

## Violence is caused by human nature-we need a system to manage it.

**Gat, Former Tel Aviv University political science chair, 2009**

(Azar, “So Why Do People Fight? Evolutionary Theory and the Causes of War”, European Journal of International Realtions, volume 15, issue 4, December, SAGE, DOA: 8-11-11, ldg)

This article’s contribution is two-pronged: … in utility for attaining desired aims.

## Engrained policy makers.

**Guzzini, European University Institute political science PhD, 1998**

(Stefano, Realism in international relations and international political economy, pg 212, ldg)

Therefore, in a third step this chapter … necessarily in the spirit of realism.

## Representations of state action cannot change realism, and even if they could, we have no way of knowing if they new system would be any better.

**Mearsheimer, Chicago political science professor, 1995**

(John, "A Realist Reply," International Security, Vol. 20, No. 1, Summer, ebsco, ldg)

The most revealing aspect of Wendt’s … more responsible policy choice.

## Focus on discourse fails-material factors outweigh

**Hyde Price, Birmingham German studies professor, 2001**

(Adrian, Europe’s New Security Challenges, pg 29, ldg)

Securitization thus focuses almost … adrift on a sea of floating signifiers.

# Politics

## No compromise—ideological differences ensures it’ll be a punt at best

**Viqueira, NBC News, 11/8**

(Mike, November 8, 2012, “The looming 'fiscal cliff' -- cataclysm or compromise?”, http://firstread.nbcnews.com/\_news/2012/11/08/15033299-the-looming-fiscal-cliff-cataclysm-or-compromise?lite, 11/9/12, atl)

While no can say for sure how … always. It's likely to be a mess.

## President will punt the deal

**Schroeder, Market Watch, 10/25**

(Robert, October 25, 2012, “Of 5 ‘fiscal cliff’ outcomes only 1 is disaster”, http://www.marketwatch.com/story/five-fiscal-cliff-scenarios-2012-10-25, 10/25/12, atl)

Punt: Higher tax rates and … cliff if Obama wins a second term.

## PC not key—politicians will resolve it themselves

**Vigna, Wall Street Journal, 10/22**

(Paul, October 22, 2012, “Don’t Fear the Fiscal Cliff, Morgan Stanley Says”, http://blogs.wsj.com/marketbeat/2012/10/22/dont-fear-the-fiscal-cliff-morgan-stanley-says/, 10/25/12, atl)

President Obama and Mitt Romney … S&P to downgrade U.S. debt last summer.

## No PC loss from nuclear energy

**Hinckley, Georgetown University Energy Policy professor, 11**

(Elias, partner with the law firm of Kilpatrick Townsend & Stockton. “Hard Choices Ahead for US Energy Policy.” June 2011. <http://www.ourenergypolicy.org/wp-content/uploads/2012/03/EHinckley-policy-article.pdf>. Accessed: 10/02/2012. ADC)

 What remains unclear is how policymakers … facilities being developed over the near or midterm.

## Opponents are disorganized- nuclear industry empirically controls the messaging battle

Squassoni, CSIS Senior Fellow, 12

(Sharon, Director and Senior Fellow, Proliferation Prevention Program at Center for Strategic and International Studies, former senior assoc. at Nuclear Nonproliferation Program at Carnegie, former Congressional adviser as senior specialist in weapons of mass destruction at the Congressional Research Service, “Nuclear Power in the Global Energy Portfolio” in the report: The Future of Nuclear Power in the United States, Federation of American Scientists, February 2012, http://www.fas.org/pubs/\_docs/Nuclear\_Energy\_Report-lowres.pdf, accessed 9-30-12, mtf)

Concerns about contamination of t… a Pew Research Center poll conducted about a week after Fukushima.18

**Winners win- plan is key to Obama political power**

**Creamer, political organizer and strategist for four decades, 1-2**

(Robert, he and his firm, Democracy Partners, work with many of the country’s most significant issue campaigns, one of the major architects and organizers of the successful campaign to defeat the privatization of Social Security, he has been a consultant to the campaigns to end the war in Iraq, pass universal health care, pass Wall Street reform, change America’s budget priorities and enact comprehensive immigration reform, he has also worked on hundreds of electoral campaigns at the local, state and national level, "Why GOP Collapse on the Payroll Tax Could be a Turning Point Moment," www.huffingtonpost.com/robert-creamer/why-gop-collapse-on-the-p\_b\_1167491.html, accessed 1-2-12, mss)

**Strength and victory are** **enormous …** run - that's the time to chase them.

## No impact—takes forever and intervening actors

**Collender, Qorvis National Director of Financial Communications, 12**

(Stan, June 13, 2012, “Some Argue Fiscal Cliff May Not Be All That Scary”, http://www.ourfuture.org/blog-entry/2012062413/some-argue-fiscal-cliff-may-not-be-all-scary, 10/12/12, atl)

Well, it turns out that the cliff isn’t that scary … and the start of the next session of Congress, that’s a recipe for a policy disaster.

# DA

## Storage and grid limitations preclude renewable solvency but SMRs solve the impact

Loudermilk, Energy & Environmental Security Policy Research Associate, National Defense University, 11

(Micah, Master degree in International Relations from the University of Akron, “Small Nuclear Reactors and US Energy Security: Concepts, Capabilities, and Costs,” 5-31-11, http://www.ensec.org/index.php?option=com\_content&view=article&id=314:small-nuclear-reactors-and-us-energy-security-concepts-capabilities-and-costs&catid=116:content0411&Itemid=375, published by the *Journal of Energy Security*, accessed 8-12-12, ara)

When discussing the energy security …from diversification and expansion of the nation’s nuclear energy portfolio.

## Multiple alt causes globally AND US not key to development

Inman, National Geographic News, 12

(Mason, specializes in climate change and energy, reports for National Geographic News, “After Record Growth, Renewable Energy to Face “Very Difficult” Year,” 6-11-12, <http://www.greatenergychallengeblog.com/2012/06/11/after-record-growth-renewable-energy-to-face-very-difficult-year/>, accessed 9-13-12, ara)

“We find ourselves at this strange juncture,” …. the star pupil in the class.”

## Renewable energy development inevitable – US isn’t global model

Cuttino, Director, Pew Clean Energy Program, 12

(Phyllis, former vice president of public affairs for the United Nations Foundation, “A Bright Future for Renewable Energy,” 5-16-12, http://www.huffingtonpost.com/phyllis-cuttino/a-bright-future-for-renewable-energy\_b\_1521445.html, accessed 9-14-12, ara)

But like other emerging high-technology industries … the cheapest energy option in many parts of the world.

## Nuclear power key to transition from fossil fuels to renewables

Ferguson, Federation of American Scientists president, 11

(Charles D., trained as a nuclear engineer and a physicist, "Do not phase out nuclear power — yet," Nature 471, 411 (2011), 3-23-11, http://www.nature.com/news/2011/110323/full/471411a.html, accessed 8-5-12, mtf)

The ongoing Japanese nuclear crisis …, nuclear plants can bridge the energy gap.