

# America's Energy Future

**WASHINGTON** – The good news is that America is now among the top three world fossil fuels producers. The bad news is that increased US fossil fuels production will create a disincentive in exploring and then deploying needed alternatives to fossil fuels.

## **The real challenge**

The energy policy challenge for the US –both the government and the private sector–is to be able to look at current and future reliance on abundant domestic oil and gas both as a providential support for current energy needs but also as a temporary “necessary evil”, as we get busy trying to identify non carbon energy sources that will power America in the long run.

Indeed, these –oil and gas– are the essential energy sources that we badly need right now. However, as we take advantage of the fossil fuels bonanza, at the same time we must be steadfast and relentless in the all out pursuit of economically viable, emissions free energy alternatives, however long this may take. Put it simply, if we do not want to cook up the planet, our long term future –America's future and the world's future– has to be powered by clean, emissions free energy sources.

## **The fracking revolution**

That said, if you did not know anything about the immense threat represented by man-made global warming, and therefore you had no reason to doubt that fossil fuels are the best answer to America's massive energy needs, then you would be reassured and comforted by recent trends. Indeed, thanks to abundant domestic oil and gas, this is a great season for the American economy, and for the US fossil fuels industry.

Thanks to hydraulic fracturing technologies, (better known as “fracking”), and horizontal drilling, scores of US energy companies, large and small, in the last decade managed to tap into vast energy resources, (located mostly in Texas, Oklahoma, North Dakota, Louisiana, and Pennsylvania), until recently deemed to be uneconomic because of the technical challenges represented by drilling into shale formations in order to free up the hydrocarbons trapped in shale.

Well, thanks to old-fashioned Yankee ingenuity, the technical challenges were overcome –with spectacular results. Thanks to fracking, US oil and natural gas production jumped to almost unimaginable heights, this way transforming not just the American energy market, but the entire dynamics of global energy markets.

## **US is ahead**

Let’s take stock. America is now the number one world producer of natural gas, and poised to surpass Russia as the biggest oil producer in 2019, having already overtaken Saudi Arabia. (This forecast may change, of course, because both Russia and Saudi Arabia have ample spare capacity that could be easily tapped, this way increasing their production).

A mere decade ago, the idea of a massive scale US fossil fuels renaissance would have been labeled a silly fantasy. Any reliable forecast would have pointed out that the US had already used most of its known fossil fuels reserves.

In 2008 the consensus was that, going forward, America could have powered itself only via massive additional energy imports, (both oil for transportation and natural gas for power generation and heating).

This unpleasant assessment created unease in many quarters, given the enormous cost involved in importing most of the hydrocarbons needed to power America, the second largest energy consumer, (after China), and given the worrisome

negative national security implications of utter dependence on foreign suppliers for such vital commodities.

### **The impact of fracking**

Well, today we have a completely different scenario. While America continues to rely on some oil imports, the percentage has shrunk substantially. Furthermore, today the national security concerns related to imported oil are far less significant, because our oil imports come mostly from our close neighbors: Canada and Mexico, (and some from Venezuela), therefore these supplies are relatively secure. Which is to say that America is now close to achieving what the experts call "*Hemispheric Energy Independence*". Indeed, as most of our additional energy needs come from stable countries located in our immediate neighborhood, we no longer rely on a significant scale on distant and potentially unreliable suppliers.

And it gets better. In fact, while we still import some oil, now we also export oil, and growing amounts of oil products. And the quantities of our energy exports are growing.

### **The real challenge is to develop emissions free energy sources**

That said, this positive short and medium term energy outlook is deceptive. This fossil fuels renaissance is not the end of the story when it comes to America's energy sources and their impact on the environment.

We now know that continued reliance –on a massive scale– on burning fossil fuels will contribute to additional greenhouse gases emissions and therefore to the exacerbation of global warming.

Of course, we know that many companies and scientists are busy trying to find workable –that is technologically viable and cost-effective– alternatives to reliance on hydrocarbons. But this is not easy.

## **Bad policies will not help**

And it seems that policy-makers are approaching the problem in the wrong way. The prevailing policy choice is to “force” the adoption of currently available renewable energy solutions –today– by creating mandates for renewable energy usage, and tax subsidies for wind, solar and electric vehicles. In my view, while these policies of mandates and subsidies may be well intentioned, they will not succeed.

***The fact is that new forms of energy production and new types of vehicles will be spontaneously adopted on a massive scale only once they prove to be cost-effective, without the distorting incentives of mandates and tax subsidies.***

## **Fund more R&D**

Public policy can help not via subsidies but by providing significantly more funding for additional research in alternative, emissions free, fuels. We simply do not know today what the future ideal new energy mix will be. It is too early to say.

Electric vehicles, EVs, look very promising. And yet manufacturers still need to find ways to make cheaper, more energy-efficient, and lighter batteries. The good news is that the cost of wind and solar has gone down –very significantly. But we still do not have effective ways to store the electricity they produce so that it can be used when the wind is not blowing and the sun is not shining.

In other words, still plenty of work to do before we can reliably move away from hydrocarbons for both power generation and transportation.

## **Fast track the development of clean energy sources**

So, here is the challenge for America. By all means, let’s take advantage of the incredible fossil fuels renaissance,

simply because today there is no reliable alternative technology that could be deployed on a massive scale.

But let's not fool ourselves. Oil and gas are not and should not be looked at as long term energy solutions. The long term solution has to be in emissions free, clean energy sources –whatever they may be. With this goal in mind, let us unleash American ingenuity so that we can get to a reliable, and economically viable post-fossil fuels era as soon as possible.

We all love our planet. Let's do our best to preserve it.

---

## **Farewell to Africa?**

**WASHINGTON** – Jacob Zuma is finally gone. It was a painful process. It took years; but he is now out of power. At last, he was forced to resign as South Africa's president. That said, the very fact that he was elected and that he managed to stay there so long is a disgrace.

### **Zuma is bad governance**

Zuma is glaring, if sad, illustration of Africa's widespread bad governance record. He rose to power through backroom deals. He had no clue about governing. He relied on nepotism and cronies to stay on top. He was stupendously corrupt. Now that he has been forced out, his legacy is an exhausted and impoverished South Africa

### **Water crisis in Cape Town**

Cape Town, jewel of South Africa, is literally running out of water. An awful combination of a historic drought and an almost criminal lack of planning by local and national administrators led to this impending urban catastrophe.

Lacking water in reservoirs on account of an unprecedented lack of rain, nobody thought that there should be a "Plan B". There are no alternatives, other than praying for substantial rain. No new aqueducts have been planned. No nothing.

There you have it. By all accounts, South Africa is still in the lead when it comes to economic development and higher standards of living in the African Continent. And yet this is a country in which chronic mismanagement, combined with endemic corruption and incompetence, dashed even modest most hopes and expectations for a better future. Sadly, Nelson Mandela, himself a truly exceptional human being, left no legacy.

### **No end to Congo's violence**

"No conflict since the 1940s has been bloodier, yet few have been more completely ignored. Estimates of the death toll in Congo between 1998 and 2003 range from roughly 1m to more than 5m—no one counted the corpses. Taking the midpoint, the cost in lives was higher than that in Syria, Iraq, Vietnam or Korea. Yet scarcely any outsider has a clue what the fighting was about or who was killing whom. Which is a tragedy, because the great war at the heart of Africa might be about to start again." —*The Economist*

Well, it seems that the Congo is once again reaching a boiling point. A vast, unmanageable country, with large mineral resources, is becoming a failed state. More violence and more deaths to be expected.

### **Major troubles in Ethiopia**

"On Thursday, Hailemariam Desalegn abruptly announced he would step down as Prime Minister and head of the ruling Ethiopian People's Revolutionary Democratic Front (EPRDF) coalition. He cited ongoing "unrest and a political crisis" in the country as major factors in his resignation, which he described as "vital in the bid to carry out reforms that would

lead to sustainable peace and democracy”.

“Hailemariam, who has sat at the helm of the Ethiopian government since 2012, said he will stay on as prime minister in a caretaker capacity until the EPRDF and the parliament accept his resignation and appoint his successor. This is the second state of emergency to be declared in Ethiopia in the last two years.”

“In August 2017, Ethiopia lifted a 10-month state of emergency imposed after hundreds of people were killed in anti-government protests demanding wider political freedoms.”

“The country’s Oromo and Amhara people – who make up about 61 percent of the population – have staged mass demonstrations since 2015 demanding greater political inclusion and an end to human rights abuses. The protests have continued this month, with many people expressing frustration over a perceived slow government release of political prisoners.” –*Aljazeera*

Ethiopia’s leaders liked the Chinese model. They believed that they could be both total autocrats and smart technocrats capable of delivering economic development and higher standards of living. Instead their way of governing generated wide unrest. Can they retain control? If so, at what price?

### **Bad governance**

What am I driving at with these stories? very simple. These snapshots unfortunately illustrate that Africa is not yet delivering on its promise to be the next bright chapter in human development.

The common thread here is that bad to awful governance, treating political power as a personal or factional perk to be abused to the extreme, is the cause of most of Africa’s problems.

---

# Palace Coup In Zimbabwe Will Not Bring Along Genuine Democracy

WASHINGTON – Despite some last minute confusion regarding the timing of his exit, Robert “Mad Bob” Mugabe is finally gone. He is a despot, a cruel dictator, and the undisputed author of Zimbabwe’s economic ruin. After 37 years of autocracy, is this finally good riddance? Well, I would not bet on a good outcome. A happy ending is highly unlikely. Indeed, this sudden change at the top of the government in Zimbabwe is certainly not about an injured nation that finally rebels against its tormentor, forcing him out of power while creating genuine foundations for democratic rule and true accountability.

## Just a palace coup

Sadly, this is just a garden variety palace coup. One faction against another, with the military finally deciding that it was time for the old man (now 93) to go. In particular, the army chiefs did not like the prospect of Grace Mugabe, the President’s much younger and equally rapacious wife, replacing him this way creating a dynastic rule.

For this reason the generals took over and rearranged the palace furniture, so that their favorite “leader”, Emmerson Mnangagwa, Mugabe’s Vice President, (who had just been sacked by Mugabe), will become the next president. Now 75, Mnangagwa, is not exactly part of the next generation. At home, he is affectionately known as the “Crocodile”. This nickname alone may give you an idea of what kind of man will become the



future president of a post-Mugabe Zimbabwe.

### **New handpicked leader not a champion of democracy**

The poor citizens of this unlucky country are rejoicing –for the moment. They chant in the streets of Harare, proclaiming that now they are finally “free”. Well, I would not be so sure.

Their new leader is also a cruel despot, while perhaps endowed with a bit more pragmatic attitude, at least if compared to Mugabe. It is a well known fact that as a senior cabinet official, for years Mnangagwa (cheerfully?) implemented the most awful violations of human rights directed by his boss, “Mad Bob” Mugabe.

### **Economic disaster**

So, here is the grim picture. After 37 long years of Mugabe’s systematic looting and monstrous mismanagement, the economy of Zimbabwe is virtually destroyed. It will take a miracle to create a genuine pro-growth, business friendly environment that will entice desperately needed foreign investors.

The “regime change” that just took place, while welcome, won’t mean much when it comes to hopes of economic development; unless it is accompanied by genuine democratic reforms. And this is highly unlikely. Indeed, we can rest assured that the authors of this palace coup acted in their own self-interest; most certainly not in the interest of the people.

### **Silence across Africa**

But this is not the entire story about poor Zimbabwe. The real story is that for decades all the African leaders stood silent, as Mugabe imposed his cruel dictatorship on the citizens of Zimbabwe who back in 1980 applauded him as their liberator.

Indeed, it is absolutely true that Robert Mugabe led the fight

against white minority rule. And he deserves credit for that. Because of his role in the struggle against oppression, after this troubled former British colony finally obtained independence from the UK, (this way formally ending the white minority regime), Mugabe became the legitimate leader of Zimbabwe back in 1980.

This happened after Ian Smith, the self-appointed leader of a new Rhodesia led by a white minority government, was forced to give up power, and abandon his crazy dream of a sustainable white minority government. Because of his critical role in the long struggle against the white minority government, Mugabe the Freedom Fighter entered the Olympus of Africa's Great Men.

That said, it became obvious almost from day one that the poor people of Zimbabwe had traded one white dictator (Ian Smith) for another (Robert Mugabe). The difference being that Mugabe was a resistance hero and therefore politically untouchable, within Zimbabwe and across Africa.

### **South Africa did nothing**

And yet much could have been done to stop him. Especially after the end of white minority rule in South Africa in 1994, it would have been quite possible for the new African National Congress (ANC) leadership now in power in Pretoria to force Mugabe to stop or at least tone down his crazy autocratic rule. By African standards, South Africa's economy is a giant compared to that of neighboring Zimbabwe. Had it wanted to, South Africa could have easily imposed its will on Harare.

But no, absolutely nothing was done. South Africa did nothing. Zimbabwe's other neighbors also did nothing. The African Union did nothing. Ostensibly this silence about Mugabe's gross violations of human rights was out of deferential respect for a "Freedom Fighter" who got rid of white oppression, this way gaining a special place in the hearts of all Africans.

Yes, Mugabe did good things in his years as a Freedom Fighter.

But he will be remembered as one of the worst (and most incompetent when it comes to economic management) dictators of this century. And every African head of state knew all this. And they did absolutely nothing to stop him.

### **Disingenuous western media**

Let me add a sad foot note to this tragic story. A recent BBC retrospective analysis of Mugabe's 37 rule is titled: "*Robert Mugabe -revolutionary hero or the man who wrecked Zimbabwe?*". This headline is at best disingenuous, at worst horrible journalism.

After 37 years of dictatorship which led to economic ruin, fantastic inflation, political persecutions against ethnic opponents and millions of Zimbabweans in exile, is the BBC still in doubt about who Mugabe really is? Does this matter really require further scrutiny and analysis before reaching a conclusion?

Come on, BBC!

---

## **Trump Takes U.S. Out of Paris Accord on Climate**

**WASHINGTON** – U.S. coal miners and out of work factory workers: this is for you! President Donald Trump publicly announced

that the U.S. will withdraw from the Paris Climate Accord that his Democratic predecessor, Barack Obama, promoted and warmly endorsed. Trump's argument against the Paris deal is that it will penalize the American coal mining industry, and the overall American economy in the short term, with only vague hopes of somewhat lower world temperatures, way down the line.

### **Bad deal for America**

As Trump sees it, this is a bad deal for America; and so the right thing is to get out of it. Sticking to the obligations created by the Accord would amount to enacting the equivalent of a huge energy tax on the US economy, because compliance with new, strict emission controls (in order to limit the amounts of greenhouse gases released into the atmosphere) will be very expensive.

As a candidate, Trump promised that he would withdraw from this climate deal, and now that he is President he is doing it. We know that his close advisers are divided on this issue. His daughter Ivanka and son in law Jared Kushner, along with Secretary of State Rex Tillerson, recommended not withdrawing. Still, in the end Trump sides with the opponents.

### **What does this mean?**

That said, from a practical standpoint, America's exit, at least in the short term, will not amount to any worsening of the global climate. Indeed, the Paris Accord, if all goes well, promises only modest progress on lowering the temperature of the world, and only after many years. And this will happen only if we assume that all the other participants will actually do what they promised to do in terms of enacting new policies aimed at lowering their consumption of fossil fuels, this way reducing greenhouse gases emissions. Do keep in mind that the Paris Accord has no enforcement mechanism. The commitments made by the signatories are purely voluntary. In the case of China, the world's biggest polluter, Beijing is

theoretically bound to implement new policies several years from now.

## **Political consequences**

Still, Trump's decision on this rather emotional issue has had immediate political consequences. From the stand point of other nations, particularly the leaders of the G 7 Trump just met in Taormina, Italy, this amounts to America choosing to go it alone, openly dissenting from a global consensus on the global threats to the earth created by the unrestrained consumption of fossil fuels.

## **U.S. no longer leading**

In the short and medium term, this means that America is no longer leading the world on a critical policy issue, As most world leaders see it, America has now retreated in its narrow universe characterized by a bizarre anti-science fixation pursued by a strange president who is "anti everything".

## **Anti-everything Trump**

Indeed, Trump is so anti-immigrant and xenophobic that he wants to build a wall along the entire border with Mexico.

Furthermore, according to the now widely accepted narrative, this is a president who is openly against free trade, against the EU, against NATO, and against Muslims, (sort of). Given all this, Trump being also against joint international efforts aimed at stopping and hopefully reversing climate change is disappointing; but not surprising. This new development fits the now accepted narrative.

America is no longer leading. Trump's America has retreated behind a myopic worldview of narrow self-interest.

From the standpoint of old friends and allies, Trump's announcement on exiting the Paris Accord is yet another (sad) sign that America is no longer the "Leader of the free World".

In fact, even before this new development on the Paris Accord, German Chancellor Angela Merkel had already publicly argued that it is time for Europe to think of and plan for a future without close ties to the U.S., since Trump's America is no longer a reliable friend.

### **Political symbolism**

Again, keep in mind that all this is mostly about political symbolism. It will take four years for America to fully extricate itself from the obligations contracted under the Paris Accord. This is fairly long time. And again, keep in mind that under the terms of this Paris deal, major polluters like China and India have modest obligations when it comes to reducing their own emissions that will kick in much later. Which is to say that you should not expect world temperatures to start rising tomorrow, simply because today President Trump announced that America will pull out in four years.

### **No gain**

However, as indicated above, this decision is not without political consequences. In the end, all this is will amount to an additional loss of international prestige for Trump's America.

With all this in mind, whatever you may think about the intrinsic policy value of the Paris Accord, it would have been better for Washington to be part of it, as opposed to becoming now a big pariah in the eyes of the world.

### **Trump is talking to his base**

Well, then why did he do it? Very simple.

Trump's narrow concern here is to reassure his domestic political base –the millions of Americans who voted for him last November. This base includes out of work coal miners and people displaced by the closure of old manufacturing plants.

Trump's message to them is that his job is to revive the American economy. If this means heavy reliance on dirty energy, so be it. Out of work factory workers want money to pay their bills. They do not care about the fate of polar bears or about extreme weather phenomena in Africa. And they do not care about rising sea levels.

Finally, dire scenarios of New York City and Miami under water in just a few years (because of the rapid melting of the Polar Caps) are definitely a hoax –at least according to Trump and his supporters.

---

## **No Serious Discussion About Entitlement Reform In The U.S.**

**WASHINGTON** – Much has been said about the first Trump budget recently released. The expected partisan critiques –in fact outcry– focus on proposed cuts in Medicaid and disability benefits. Therefore, this becomes a “cruel budget”, an open attack against weak, low income Americans, and so forth.

### **No discussion about Entitlement Reform**

Well, this may be true. However, the biggest problem with this proposed federal budget, (and with many budgets that preceded it, coming from both Democratic and Republican Presidents), is that –leaving aside symbolic fights– it is a reflection of an unchanged (unchangeable?) fiscal *status quo* that will stay pretty much the same until the American political leadership

–Democrats and Republicans acting together– will finally address its ***Number One Policy Priority: Entitlement Reform.***

### **Symbolic cuts**

The Trump Budget, even assuming that it will be passed by Congress as is, (it will not), will never “solve” the structural fiscal imbalance –namely: permanent high deficits– that has regrettably become the norm in America. You may indeed cut spending for the State Department, the Education and Energy Departments, and more. You may reduce Medicaid and the Food Stamps Programs. But none of this would really “bend” the overall spending curve. Hence the deficits and a growing national debt, soon to be out of control.

How so? Very simple. Anybody who has given even a mildly serious look at U.S. Federal Budgets notices a trend. The main drivers of (over) spending are large and growing federal entitlement programs that are not even voted on. They are on automatic pilot.

### **Social Security and Medicare bigger than ever**

The fact is that these programs (first and foremost Social Security and Medicare, accompanied by many other smaller federal assistance program), have become so large that now they comprise almost 2/3 of total federal spending. If you add to this colossal total another 16% of overall federal spending devoted to national defense (sounds like a lot; but in relation to GDP defense spending is historically quite low), plus about 6% of total outlays that have to be set aside for debt service, (this is about paying interest on all the debt we have accumulated until now), and you realize that there is almost nothing left to squabble about.

Indeed, “the rest” –what the budget professionals call “non defense discretionary spending”– is less than 15% of the total. Since the bulk of all spending (with the exception of defense) is essentially off-limits, all the budget battles are



fought on this residual 15%.

Which is to say that, unless we want to entirely abolish most of the U.S. Government, (Agriculture, Justice, Transportation, money for NIH and medical research, NASA, and more), we cannot possibly change the present pattern of spending without seriously looking at entitlement reform, with the goal of reducing future outlays. Since most of the real money goes to these programs, they should be reformed so that there will still be benefits for seniors in the future, but sustainable benefits. Simply stated, for social programs to work in a sustainable way, in the future most Americans will get less.

### **Everybody knows this**

Again, every student of US public policy, beginning with House Speaker Paul Ryan, (He used to be Chairman of both the Budget and later on the Ways and Means Committees), knows all this.

***And yet, for fear of causing massive social unrest, nobody –Republicans and Democrats– want to go even near the entitlement reform issue. The topic is worse than a non starter. It is almost unanimously viewed as political suicide.***

Not straying from the conventional wisdom, as a candidate, Donald Trump promised that he would leave all key federal entitlements untouched, claiming that these benefits have been earned by individual Americans, and therefore they should not be messed with. A very conventional approach.

### **“The Moment of Truth”**

A few years back, (2010), President Barack Obama convened a special bipartisan commission (it became known as the “Debt Commission”) that was chaired by Erskine Bowles (Democrat) and Alan Simpson (Republican) in order to give a serious look at the issues of taxation and spending.

These two elder statesmen took the lead and eventually issued

a powerful report in December 2010 aptly titled "*The Moment of Truth*". They, and most of the members of their Debt Commission, argued convincingly about the need to seek and find broad bipartisan support for a thoughtful plan aimed at reforming entitlement programs that had been designed in another era with different demographics (starting with life expectancy, much shorter at that time), and much lower health care costs. They pointed out that, if we change nothing, we are headed towards financial ruin.

They argued intelligently and convincingly. But nothing, absolutely nothing happened.

### **No action**

As it turned out, President Obama (even though he created the Commission) did not want to tinker with issues viewed by most political insiders as "radioactive".

The Tea Party Movement, at that time growing in national popularity, was led by amateurs who understood practically nothing about the real dynamics of public spending. Their home spun wisdom was that America's run away public spending and ensuing annual deficits, were all due to "fraud, waste and abuse". As simple as that. Their remedy? Eliminate silly programs and politically motivated earmarks, tighten the system, punish a few offenders who get benefits via false claims, and all would be fine.

Well, it would not be.

Given the overwhelming and growing weight of federal entitlements benefiting mostly senior Americans, you could abolish the entire Defense Department and you would still not be able to alter the overall pattern characterized by over spending and perennial budget deficits.

### **Spending favors senior citizens**

Simply stated, in America, just like in most other rich democratic countries, there is now an unwritten social contract whereby large and increasing amounts of national resources are devoted to assistance to the sick and to the elderly.

***The problem is not that the priorities are wrong. The problem is that this level of assistance has become unaffordable, because it is no longer matched by revenue. Hence our annual deficits that add to the already exploded national debt. Of course, we could raise taxes in order to rebalance the federal deficit. But this would mean significantly "higher taxes", another radioactive issue that no mainstream politician wants to address.***

### **More debt is the path of least resistance**

So, here is the thing. Politicians want to keep doling out large entitlement benefits. But they do not want to tell the country that there is not enough money to pay for them. Instead, they have chosen the path of least resistance: use most of the federal revenue to pay for the entitlements, this way starving the rest, and borrow the balance.

This may look clever in the short run. But this approach means that we are well on our way to becoming Europe or Japan: societies with enormous public spending and huge national debts that simply do not have any resources to invest in their own future.

Let me say this clearly: these are societies headed towards decline. In fact, some of them are already beyond repair, mostly due to the impossible fiscal burdens represented by gigantic national debts.

### **Where are we headed?**

Well, unless we want to become the next Italy or Japan, we need a serious conversation about the level of future federal

benefits. This does mean *“throwing sick grandma in the snow, in the middle of winter”*. But it surely means readjusting benefits so that, going forward, we take care of the neediest first, while all the others will get smaller benefits, and later in life.

Anyway, all this is purely theoretical. The current budget debate, with all its theater of partisan acrimony, posturing and grand standing, does not even begin to address entitlement reform. And this means that what we are having is not a serious, adult debate. This is mostly rubbish.

### **We need a serious debate**

The American people deserve national leaders –in both parties– who will tell them the truth about what we can afford going forward, and how we can and must share sacrifice, (fewer benefits, higher taxes, at least for some), in a fair and equitable manner.

This is what mature political discourse in a republic should be about. But nobody wants to even think about it.

---

## **Wanted: Credible Centrist Political Leaders**

**WASHINGTON** – Recently, a Democratic party elected leader of national renown argued in a public forum that in order to regain lost momentum and credibility with the American voters the Democrats have to redefine themselves as the party of economic growth and inclusiveness.

### **Common sense messages**

At a national event focused on the future of U.S. small businesses, a Republican national leader claimed that America's greatness rests on its foundations as an opportunity society in which people can advance because of a rules based system that recognizes and rewards merit.

John Hickenlooper, the Governor of Colorado, a successful state chief executive, stated that through collaboration between Republican and Democrats we can find workable compromises on the future of the US health care system, and other national priorities.

Well, what do I make of all this? Very simple. These statements made by credible centrists in both parties raise the hope that it may be possible, even in this incredibly poisoned political climate, to rally millions of Americans, hopefully a majority, around the basic ideas of an optimistic country in which policy-makers promote economic growth, while upward mobility is based on genuine merit; and nobody is excluded or kept from advancing because of social class, gender, race, or anything else. In fact, the opposite –equal opportunity for all- is embraced by all.

And this must include quality education, the best foundation of future success in life, available to everyone; while bridges are built across every divide, and doors are wide open to all who are willing to make an effort.

### **It is an old idea**

This idea of America as a level playing field and fair rules used to be a shared vision embraced by most. Indeed, it was the belief that America offered genuine opportunity that attracted millions of immigrants who wanted to create in America a better life for themselves. It is about time to re-propose this vision in a manner that can be shared by today's Americans –Democrats and Republicans.

Indeed, who could object to public policies that promote

economic growth, social advancement based on merit, while all citizens have genuine access to quality education, careers and consequently a good seat at the table?

## **Lost hope**

Of course, the last few years have told us an entirely different story. It is a story of lost hope, deep disappointment, and resentment. A story of popular distrust in the honesty and abilities of most elected leaders. A story of exaggerated promises not kept.

This has created an emotional anti-government rebellion on the right, (*"Washington is a rotten place"*), and the triumph of policy agendas on the left which advocate economic and social re-balancing achieved through redistribution by taking (ill-gotten gains) from the few ultra rich and giving to the rest of society. All this will be wisely designed and orchestrated by government, through taxation and subsidies.

## **Despondent America**

The outcome of all this is not pretty. The unexpected outcome of the November 2016 presidential elections is evidence of the widespread feeling of deep despair. Indeed, according to millions who voted for Donald Trump, "the system" failed—period. Its failure is so deep that it is not worth salvaging. In fact, it should be dismantled. In fact, millions of Americans voted for Trump mostly because he is not a professional politician. Therefore he is untarnished by Washington's rot and well equipped to "*clean the stables*", "*drain the swamp*" and all by himself—with his power and superior intelligence—transform America.

Paradoxically, notwithstanding continuous economic growth and much lower unemployment since the end of the Great Recession in 2010, rightly or wrongly millions of Americans who used to be part of a self-confident middle class now are and feel poorer, left behind and alienated. At the same time, millions

of young people feel hopeless facing a world of diminished opportunities, while laboring under the crushing weight of absurdly large student debts.

### **There is a way out**

That said, I sense that there is a way out of this. Difficult, yes; but not impossible. Yes, America needs house cleaning. It needs fresh faces not tainted by the old ways of doing business.

The unimaginative political elites still populating Washington, DC have survived by over promising everything to everybody, while pretending to pay for all the goodies they offered to various (of course deserving) constituencies, knowing full well that the only way to finance all this public largess (unaffordable entitlements) was and is to borrow more and more, this way getting the country deeper and deeper into debt.

Sadly, the Washington elites have no real economic growth strategy, while their policies aimed at buying votes through entitlements funded by public money and more and more borrowing are driving America towards the abyss of insolvency.

### **Credible people who will tell the truth**

Most Americans have common sense. However, they need credible new leaders who will tell the unvarnished truth about the dangers of systemic and growing fiscal imbalances, (i.e we have to agree on a sensible plan to reform all major federal entitlement programs, by far our biggest fiscal problem), while pointing the only way to get out of this ditch: economic policies (think tax reform and smart deregulation affecting business activities) that will promote a more robust economic growth in a genuinely open and inclusive society. An inclusive society in which elected leaders are committed to destroying all artificial barriers to entry, while opening new avenues of opportunity to all.

(President Donald Trump, a new leader who is not carrying the baggage of the distrusted establishment politicians, could lead the way in shaping a new American political conversation. As his presidency is just getting started, it is impossible to say whether he will engage in this effort or not. We should all hope that he will. This would benefit the country and him).

### **Impossible?**

Well, in the end all this “back to basics” idea founded on the values of openness, fairness and merit sounds too lofty, in fact unrealistic. Yes, this is an appeal to an admittedly mythologized idea of an America “*where anything is possible as long as you work hard and play by the rules*” which (truth be told) never fully existed in the way many refer to it.

And then there is the huge problem of yanking benefits away from millions (deserving or undeserving, it does not matter) who got used to getting them. “*Come on...get real. Nobody gets elected by promising less, let alone by promising to cut existing benefits. And we in Washington just do not know how to deliver stronger economic growth. We only know how to distribute subsidies*”.

### **The way ahead**

And yet, if we do not want to see America follow Europe on the path leading to historic decline, it is imperative to make real progress on these two related fronts:

***1) restore fiscal sanity by reforming all the major entitlement programs***

***2) genuinely and forcefully promote economic growth and real opportunity for all***

The alternative is political chaos, the de-legitimization of our institutions, and rapid economic decline.



Some elected leaders of both parties know this. I just hope that their common sense message will be heard, understood and embraced.

---

## China To Become Green Super Power?

**WASHINGTON** – Many Western environmentalists and commentators openly praise China for its declared energy policy objective of turning itself into a truly “*Green Super Power*”. They claim that, unlike Trump’s America, (ignorant and backward), China (smart and forward-looking) truly understands the threat of global warming, and is actually doing something very serious about it.

### **Hundreds of billions for green power projects**

Indeed China has committed hundreds of billions of dollars to renewable energy projects. It is leading the world in massive investments in wind and solar projects, with more to come.

Contrast that with heretic America now led by a President who believes and publicly affirms that global warming is nothing but a hoax. Indeed, instead of leading the way in renewable energy investments, President Trump’s America promises to revive (dirty, high emissions) coal production, while he just signed executive orders that will re-start two major oil pipeline projects that had been blocked by President Barack Obama, at least in part because of environmental concerns.

### **Responsible China**

So, there you go. Communist China’s leaders are acting as

responsible stewards of our Planet Earth, while democratic America is the prisoner of anti-science bizarre bigotry that ignores “the facts” about green house gases and global warming, and the dire consequences of disastrous energy policies still based on fossil fuels that will end up cooking the world.

### **The truth is more complicated**

Well, this is how the critics of American policies would like to frame the argument. But the truth is far more complex. It is indeed true that China is investing very substantial amounts in green energy projects. But it is also true that renewables are and will continue to be a small fraction of China’s power generation capacity. The fact is that China relies today and will continue to rely in the future mostly on coal –yes, old-fashioned dirty coal– to produce about 66% of its electricity.

In contrast, if you look at the current mix, U.S. electricity generation is on balance far greener.

### **Green America?**

In the U.S. coal is now used for only 33% of power generation, a much lower proportion than China’s, (50% less, in fact). On account of the shale gas revolution that made natural gas abundant and cheap, America now relies on low emissions natural gas for 33% of electrical generation capacity. This percentage is destined to increase, mostly at the expense of dirty coal. While this transformation is driven by market factors, as opposed to government green policies, the added bonus here is that natural gas is a much more environmentally friendly fossil fuel.

If you add 20% of power generation produced by nuclear and 6% from hydro, (an old-fashioned source of renewable energy), the picture is not that disastrous.

## **Less coal, more natural gas**

While the contribution from other renewables is still rather small in America –solar represents only 0.6% of total power generation capacity, while wind is a still a modest 4.7%– the fact remains that America relies on coal for only 33% of its power generation, while China uses this dirty fuel for almost 70% of its total electricity generation.

So, looking at the numbers, (to date at least), America is far greener than China.

The truth is that coal-fired plants are and will continue to be for years to come the major electricity producers in China. Even at current levels of new investments in renewables, it will be a long time before China becomes green in a meaningful sense.

## **Biomass**

In the meantime, if we break down China's renewable energy mix, we see that (if we exclude hydro) by far the biggest percentage is represented by biomass. As noted by Bjorn Lomborg in a recent op-ed piece published in [The Wall Street Journal](#) (*A "Green Leap Forward" in China? What a Load of Biomass*, February 5, 2017):

*"It is peculiar–though unsurprising given the sensibilities of Western environmentalists–that those who celebrate China's "Green Leap Forward" almost always focus on wind and solar technology. By far the largest source of renewable energy used in China is traditional biomass–that is, people burning charcoal, firewood and dung, as China's poor do to stay warm. Biomass is the biggest source of killer air pollution in the world."*

## **Health concerns**

As biomass energy production entails burning animal dung, wood

and charcoal, this type of fuel is hardly green, because of the fumes and soot produced by its combustion. If you consider that in China biomass is used for home heating and cooking mostly by the rural poor, this means that the fumes released by these “green fuels” cause a variety of respiratory diseases to vulnerable, low income people.

### **It will take a long time**

So, what is really going on here? It is true that China is committed to increasing the percentage of its electricity generation provided by clean solar and wind. In absolute numbers, China’s renewable generation added capacity is truly impressive. However, as a percentage of the total (keep in mind that China has a population of 1.3 billion energy users), this contribution from renewables is and will continue to be rather modest.

### **Still reliant on coal**

The fact is that major efforts in wind and solar notwithstanding, China still relies and will continue to rely on traditional dirty coal as the key component of its power generation mix for many years. In fact, while wind farms are built, China is adding more coal-fired generation.

It is therefore a misrepresentation to state that China is well on its way to becoming a “Green Super Power”. While the intention may be there, it will be a long time before China will be able to rely mostly on renewables for its power generation needs.

### **Let the markets decide**

The larger lesson here is that in the end it will be superior technology delivered at competitive prices that will tilt the power generation balance. When renewables will be really cost competitive without subsidies, then they will be adopted on a massive scale in China, in America and elsewhere.

Right now, at least in the West, the push for early adoption of still expensive technologies is not driven primarily by economic considerations. It is pushed forward by policy-makers through mandates, set asides and tax breaks created because of strong environmental concerns.

While this is understandable, we should not muddy the waters by arguing that if China can go all the way with renewables, so should America. China is doing something important. But, on close inspection, a lot less than what is stated by Western environmentalists.

---

## **The Tragedy Of The Uneducated Poor in America**

**WASHINGTON** – Much has been said about the “crisis” of American public education. Indeed, if we look at the ranking of American high school kids compared to their peers in other developed countries, they do rather poorly in terms of academic achievement. In fact their performance is so bad that one wonders how on earth can America be and stay a leader in sophisticated technologies, innovation and business creation since its young people seem to be chronic under achievers.

### **The truth about education**

Well, here is the truth. The U.S. academic averages are bad. But the averages hide the fact that there is a new kind of

segregation in America; and it is all about education opportunities.

The rich can pay for and get a good education for their children –public or private. The poor cannot. The children of the rich receive the instruction and the training that will open doors to good universities, and later on good or great careers. The children of the poor in most cases will go to bad schools –the only kind available in their chronically under served neighborhoods. Many of them will graduate with meaningless diplomas. Some will drop out of school and have absolutely nothing.

Therefore, it is incorrect to say that the American education system –in its entirety– is in crisis. Indeed, some of it is doing well, or very well. But some of it is in pitiful conditions. And it is the part serving the poor that skews the national averages.

### **The crisis is all about the poor**

So here is the thing. The children of the rich and well to do are doing reasonably well, or well in school. In most cases, the chronic under performers are the poor and the minorities, (often times one and the same).

As Michael Petrilli and Brandon Wright put it in their article *America's Mediocre Test Scores*, ([EducationNext](#), Winter 2016), it is an established fact that the poor do much worse in school. And the problem is not that lack of income impairs their ability to learn. The problem is that poverty in America very often comes along with homes where there is alcohol and drug abuse; or single parent households, child abuse, crime, and a lot more. In other words, poverty in many cases creates an environment that is truly toxic for young people who would need to concentrate on their studies.

*“Why do kids from low-income families –write Petrilli and Wright– tend to score so much lower on average than their*

*more-affluent peers? Is it something about poverty itself, that is, a lack of financial resources in the family? This is likely the case, as financial stress can create “toxic” conditions in the home and also make it difficult (if not impossible) for parents to afford the tutoring, educational games, summer camps, after school activities, and other educational experiences that middle-class and upper-middle-class students take for granted (and that almost surely boost their achievement).”*

*“But it’s not just about money –they continue– Poverty is associated with a host of other social ills that have a negative impact on learning. **For instance, children in poverty are much more likely to be living in single-parent families headed by young, poorly educated mothers. Poverty is also associated with higher rates of alcoholism and other substance abuse in the home; greater incidence of child abuse and neglect; and heightened family involvement in the criminal justice system.** [Bold added]. All of these are well-known “risk factors” that are associated with lower test scores as well as with a greater likelihood of dropping out of high school.”*

### **Vicious cycle: poverty begets poverty**

So, you get the picture. Children who live in poverty don’t do well in school. In part, this is due to the fact that at home there is no supporting system that encourages them to do their home work and do their best in school. Their parents are often uneducated. There are no books in the house. There are no conducive after school activities. No theater, and no trips to the local museum. On top of that, most of the poor tend to be African-Americans or Latinos. Belonging to these ethnic minorities already places them at a disadvantage in a still racially divided society.

***All in all, being a minority and poor is the kiss of death for most children when it comes to having a fair shot at a better***

***life. For most of them, "upward mobility" is a dream.***

To make it worse, public schools in poor neighborhoods tend to be of lower quality when compared to those in rich areas. Which is to say that in America today the family you are born to and the neighborhood you live in is probably the single best predictor of future academic proficiency and life time career and economic achievement.

### **Birth is destiny**

***Put it differently, just like in many poor countries, and just like in Europe prior to the industrial revolution and the diffusion of democracy, in today's America "birth is destiny". Where you are born and grow up and the income and level of education of your parents in most cases determine what you will become as an adult. This is truly horrible. This is America. As a society, we should be able to do better than this. Much better.***

### **Charter Schools can help**

This does not mean that all poor and minority children are totally neglected by their families. Indeed the whole Charter Schools movement, and its popularity, is about giving poor kids living in poor and under served neighborhoods –kids who otherwise can only enroll in mediocre or failing public schools– a choice. Not all Charter Schools are great. But many are by far better than what the public education system offers in poor neighborhoods.

At least some parents of poor children, quite often themselves people with little education, realize that a better education will give their children a shot at a better life. So much so that the best Charter Schools are literally under assault by low income and minority parents who desperately try to get their children enrolled. In order to give everybody equal chances, Charter Schools hold admission lotteries. If your number is drawn, you are the lucky one. You get in. For all



the others there is the grim alternative of a mediocre or failing public school.

### **Winning the lottery**

Now, think about it. This is America. Once upon a time “The Land of Opportunity”. And yet, in this enchanted place where –we are told– all people are truly free to be whatever they want to be, the future of a poor child depends –literally– on winning a lottery. The winners get to go to a good Charter School; a school with good teachers who will prepare them for a life of higher achievements: college, good training, and a good job.

### **A good education for every one**

All the others, well all the others were just not lucky enough to get in. You see, they did not win the lottery.

This is a national disgrace. In the United States of America we should be able to offer all children, regardless of income, background or race, a good education; so that all of them would have the intellectual tools and skills to engage in our society, and have a shot at good lives in this fiercely competitive global economy.

---

## **Can U.S. Fight Insurgencies?**

**WASHINGTON** – Under pressure, the Obama administration released the estimated number of civilians killed (unintentionally) in the course of U.S. drone strikes that have taken place in various theaters. Along with the figures came new guidance aimed at further reducing “collateral damage”, i.e. the killing of civilians in the course of U.S. air attacks via

drones. (These attacks are always aimed at military targets).

Indeed, sometimes, civilians get killed accidentally due to their proximity to military targets. (There have also been a few cases in which civilians have been mistakenly targeted, because it was wrongly assumed, based on the information available at the time, that they were in fact enemy fighters).

### **Civilians killed by drone attacks**

US Intelligence sources stated that 116 civilians were killed in the course of drone strikes aimed at hitting legitimate military targets in different theaters. This usually happens because enemy positions are located in the midst of populated areas.

President Obama stated that America, from now on, will do its very best to further reduce these numbers. Of course, several critics immediately argued that the real number of civilians killed is a lot higher. Besides, this total just announced excludes the death toll from operations in Iraq, Syria and Afghanistan.

This U.S. announcement could be just public relations; or it could be an oblique way to tell the world that from now on the U.S., while fighting elusive enemies on different fronts, will be more restrained. It will bomb less, with drones or conventional aircraft. Indeed, if this new guidance will take effect as stated, hard to bomb more enemy positions most often located in populated urban areas, when your goal is to further reduce the chance of killing civilians.

### **Restrictive Rules of Engagement**

Still, whatever the real numbers of civilians accidentally killed, the truth is that America's current "Rules of Engagement" are already extremely restrictive on when and where U.S. bombs can be legitimately used.

Drones strikes are usually planned on the basis of carefully sifted intelligence. "Dynamic" strikes that occur in the context of ongoing military operations however are also subject to complex procedures. Tactical Operations Centers need to authorize them, often only after having received the input of military lawyers who are standing by 24/7 and who are called upon to assess the legality of strikes, on the basis of the available intelligence regarding the situation on the ground.

### **Is the way to fight a war?**

This way of fighting a war looks crazy. But these are the standard rules. Given all these restrictions on what targets can be bombed aimed at avoiding or at least reducing possible civilian casualties, quite often requested strikes are simply not authorized by the U.S. military authorities.

Well, then why do we have non combatants killed by U.S. bombs? Very simple. Al Qaeda, the Taliban and now ISIL do not follow the established laws of warfare. They routinely place their own assets (troops, ammunition, logistics) in the middle of densely populated areas. They deliberately use civilians as human shields. And the purpose of all this is obvious: to deter American attacks.

### **Civilian deaths become propaganda tools**

And when some ISIL positions are indeed attacked and civilians are killed, then there is a huge publicity gain for the insurgents. *"The blood thirsty Americans bomb indiscriminately, deliberately targeting women and children"*.

Needless to say, ISIL and others have a vested interest in inflating the numbers of civilians killed through drone or other U.S. air strikes. This is their own way of fighting the propaganda war, using the argument of American barbarity in order to recruit more people willing to fight and die for the cause.

## **Impossible to avoid civilian casualties**

The fact is that, even with heroic efforts, it is impossible to avoid civilian casualties while fighting irregular forces that hide within populated areas. It is just impossible. Even with highly sophisticated satellites and other sensors that gather detailed images and provide real time data to those who operate drones, or to pilots of manned aircraft, it is just impossible for the U.S. military to neatly separate combatants who usually wear no uniforms from innocent civilians in populated areas.

## **No way to win**

So, here is the bottom line. If Obama is serious about cutting the number of casualties going forward, then this means that America cannot realistically fight aggressively and win against insurgents who routinely hide in urban areas. Even today, without new restrictions in place on the use of air power, the effort to minimize collateral damage means relatively few air strikes, because many targets are deemed to be unlawful by the military lawyers, and therefore excluded.

## **More targets will be declared off-limits**

If America wants to further diminish the likelihood of future civilian casualties while fighting insurgents, this means that an even larger number of possible military targets will be declared off-limits by the military lawyers, due to their close proximity to civilian areas.

And here is the absurdity. This is no way to fight any war. As troubling as this is to our civilized conscience, it is just impossible to fight an insurgency that operates in cities and towns without causing some unwanted suffering.

***If America wants to win against ISIL and other insurgents, it has to accept this fact: if you want to destroy enemy forces that hide in populated areas, you have to accept that***

*civilians will also be killed.*

### **Long, inconclusive conflicts**

Otherwise, if avoiding civilian casualties is more important than destroying at least some enemy targets, let's prepare for an endless and inconclusive conflict with adversaries who do not play by the accepted rules of war.

With all the restrictions outlined above, and possibly more to come, the U.S. cannot fight properly; because Washington feels the pressure of a world public opinion that requires America to behave according to an impossible standard.

---

## **Public Assistance Is A Curse**

**WASHINGTON** – *“Continued dependence upon relief induces a spiritual and moral disintegration fundamentally destructive to the national fiber. To dole out relief in this way is to administer a narcotic, a subtle destroyer of the human spirit”.*

### **Aid is bad for you**

This is a pretty accurate description of the long-term (unintended, we hope) consequences of well intentioned, government-funded economic welfare programs. Indeed, if all you do is to give aid for free, and with no time limit to needy people, you end up making them perpetual dependents.

Like it or not, by allowing disadvantaged people to get by without any personal effort, you kill their motivation to do their best to help themselves. Yes, if this is the substance of public assistance programs, relief becomes indeed a *“narcotic, a subtle destroyer of the human spirit”.*

## **Who said it?**

Well, agree or disagree, it is interesting to find out who said this. An easy answer would be Ronald Reagan, the somewhat romantic champion of unfettered free market capitalism, the high priest of celebrated American values centered on self-reliance, and indomitable *“do-it-yourself”* spirit.

According to Reagan, Americans do not want aid. No, they want freedom; so that they can take care of themselves, relying on their own efforts.

## **FDR warning**

But no. It was not Ronald Reagan who said this. Actually, it was President Franklin Delano Roosevelt. And he said this in 1935, when millions of impoverished Americans were still dealing with the devastating consequences of the Great Depression.

What? FDR, the Father of the New Deal, and of the beginnings of the U.S. Welfare State said that relief was a *“narcotic”*?

***Yes, he did. Which is to say that in a more enlightened era, even those who created new public assistance programs in order to deal with emergency situations, understood that those programs should be limited in size and scope.***

But already long ago we forgot FDR's warnings. Now nowadays anybody aspiring to elected office will promise more and larger programs, for ever larger constituencies. And yes, whatever may be said officially, all voters are led to believe that the benefits will never stop. In fact, now the recipients assert that they are entitled to receiving them. Welfare and relief somehow have become new civil rights.

## **Bad policies inspired by political goals**

And so politicians administer free benefits/narcotics, even though many of them know full well that these benefits are

*“destroyers of the human spirit”*. In fact, this may be the main reason why they spread them around so lavishly. Giving away all sorts of free goodies may help them at election time. (*“If you re-elect me, there will be more programs, just for you”*).

However, because of these ill-advised policies the fabric of the American society will be progressively eroded. Large armies of people relying on some form of welfare cannot be expected to be productive citizens eager to face challenges.

### **More of the same**

Yes, after decades of experimentation with ill-advised welfare programs which induce dependence, by now we should know that ***“continued dependence upon relief induces a spiritual and moral disintegration fundamentally destructive to the national fiber. To dole out relief in this way is to administer a narcotic, a subtle destroyer of the human spirit”***. Yes, all politicians should know this. And yet they continue promoting these policies and remedies.

I guess trying to get elected is a much more important goal than promoting the public good.