



**Input in IRP2010 draft stage
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CONTENT

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IRP2010 framework not ready

- IRP2010 that plans 20y electricity source is too critical to be defined:
 - Mainly by a committee comprised of fossil fuel vested interests
 - Outside of vital policies framework (NPC, IPAD, CC, RE, EE, Nuclear)
 - Outside of a broad civil society involvement and interaction
- NERSA, DoE and others, which roles are decisive for a long term objective decision and implementation of the electricity plan requires a stronger capacity built in
- Common sense requires precautionary changes to a save climate through a humanitarian emergency, therefore low carbon scenario should be given extra weighting
- South Africa is at a cross road. It has to decide soon between:
 - Business as usual and spend f.e R142.000.000 for Kusile or
 - Emergency towards a Low Carbon Development and spend the same in Renewables development

IRP2010 framework not ready

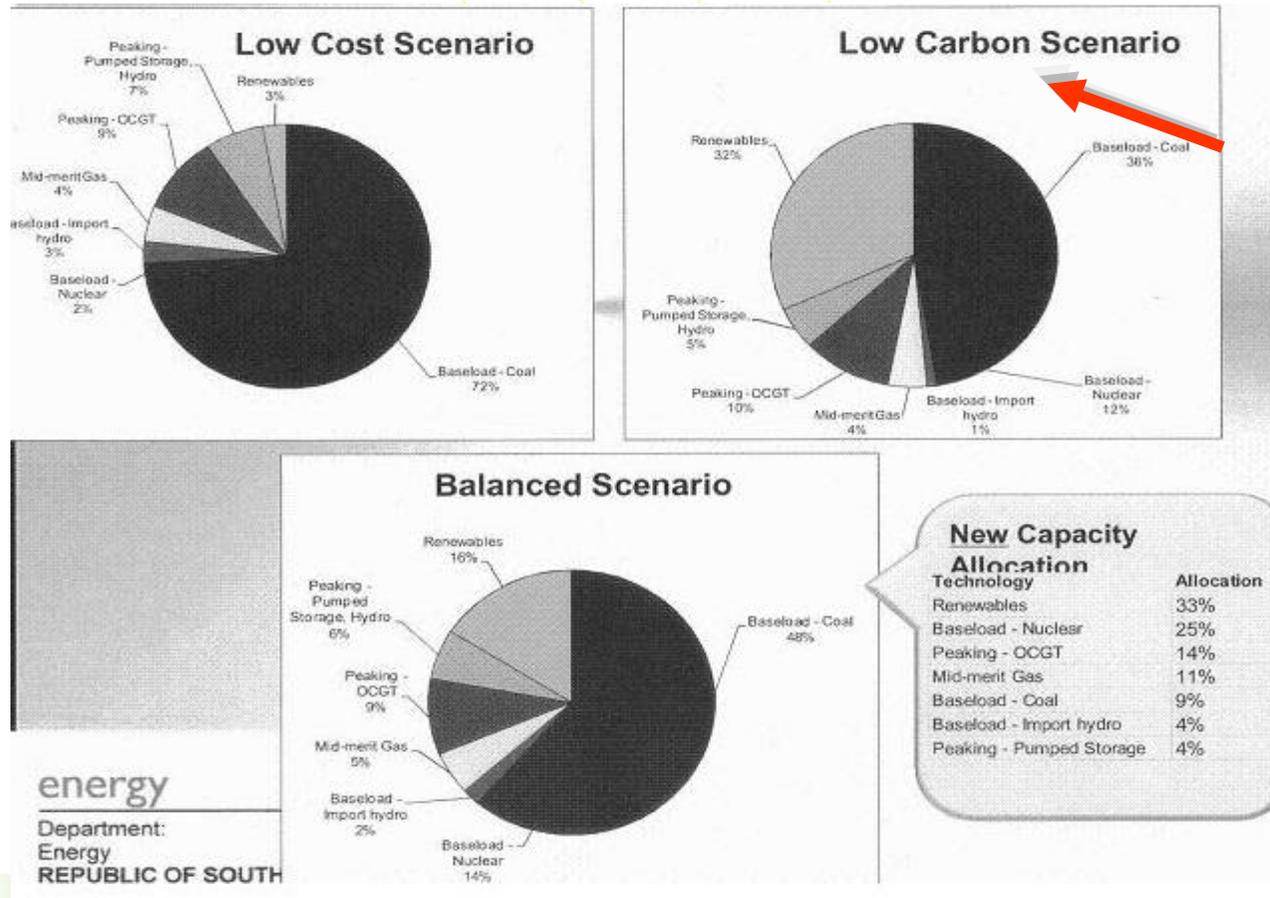
- South Africa will have the best opportunity next year at the COP17
 - to show the world a Low Carbon Paradigms and
 - an IRP2010 that strongly leans on renewables is the first step to do so
- **Fallacious to state that sustainable emergency will cost too much** and will impede job creation and poverty fight as **emergencies jump start innovations and job employments.**
- **Critical to recognize that BAU and hurriedness favor FALSE SOLUTION** such as CCS,.. That are diversions which will delays the required changes
- **Gov. needs to**
 - recognize the civil society critical role in decision making and the need of building up individual resilience
 - Improve the required continuous information/education and communication channels in order to really consider the broad civil society as a stake holder in this process



IRP2010 to be postponed

- South Africa is **not ready** to finalize IRP2010 as planned
- IRP2010 should therefore remain **provisional** until above – mentioned issues are resolved
- Further Fossil Fuel developments decisions linked to Gas and nuclear sources **be postponed** until above - mentioned issues are resolved.

THREE IRP2010 SCENARIOS



IRP2010 lack of RE Ambitions

- **IRP2010 RE allocation (16% which is a max 12Gw by 2030) is not ambitious enough for adequately attracting investors**
- **How 12Gw will cater for:**
 - 15 Gw RE applications that Eskom already received
 - + the 5 Gw for the solar farm in Upington
 - + hopefully at least 10 Gw of new RE applications during these 20 years
 - = Total of at least 30Gw !!!
- **The CC policy has not been adequately factored in this plan**
 - to strongly push for green employment investment and low carbon scenario
 - to target a 32% RE (around 27Gw) by 2030, instead of the 16% in the balanced scenario
 - to give the right message to both the civil society and investors for a low carbon development and related business opportunities.
 - Message that Gov. does not means business as usual but wants to deal in a Low Carbon Paradigms

IRP2010 lack of RE Ambitions

- 14% of nuclear allocation into the IRP2010 is a slap in the civil society' face as criteria, that have been defined jointly such as:
 - Localization
 - Green employment
 - Rapid operation
 - Cheap for the Gov.
 - Safe
 - Little environmental impacts
 - Flexible and decentralized**Are not met at all by the nuclear technology.**
- This political decision goes therefore against people 's interests, which seems to be contrary to ANC interests
- One could wonder therefore if Chancellor House that funds ANC will have shares in the nuclear build like it had in the Medupi's construction ?

Conclusions

- Critical to set the goal/message of a low carbon development paradigms and vision to:
 - Stop department/entities pulling in different directions by getting all aligned towards the same goal
 - Get the buy in of the civil society
 - Set details that can more easily be ironed out if the framework is clear and practical
- Critical to consider people and bottom up decision making processes
- Critical too to set environment educations on a continuously basis to educate people on the CC and peak oil threats and on the urgent needs of people's resilience



**Thank you
PL Lemercier for
REC & Oerlikon solar**