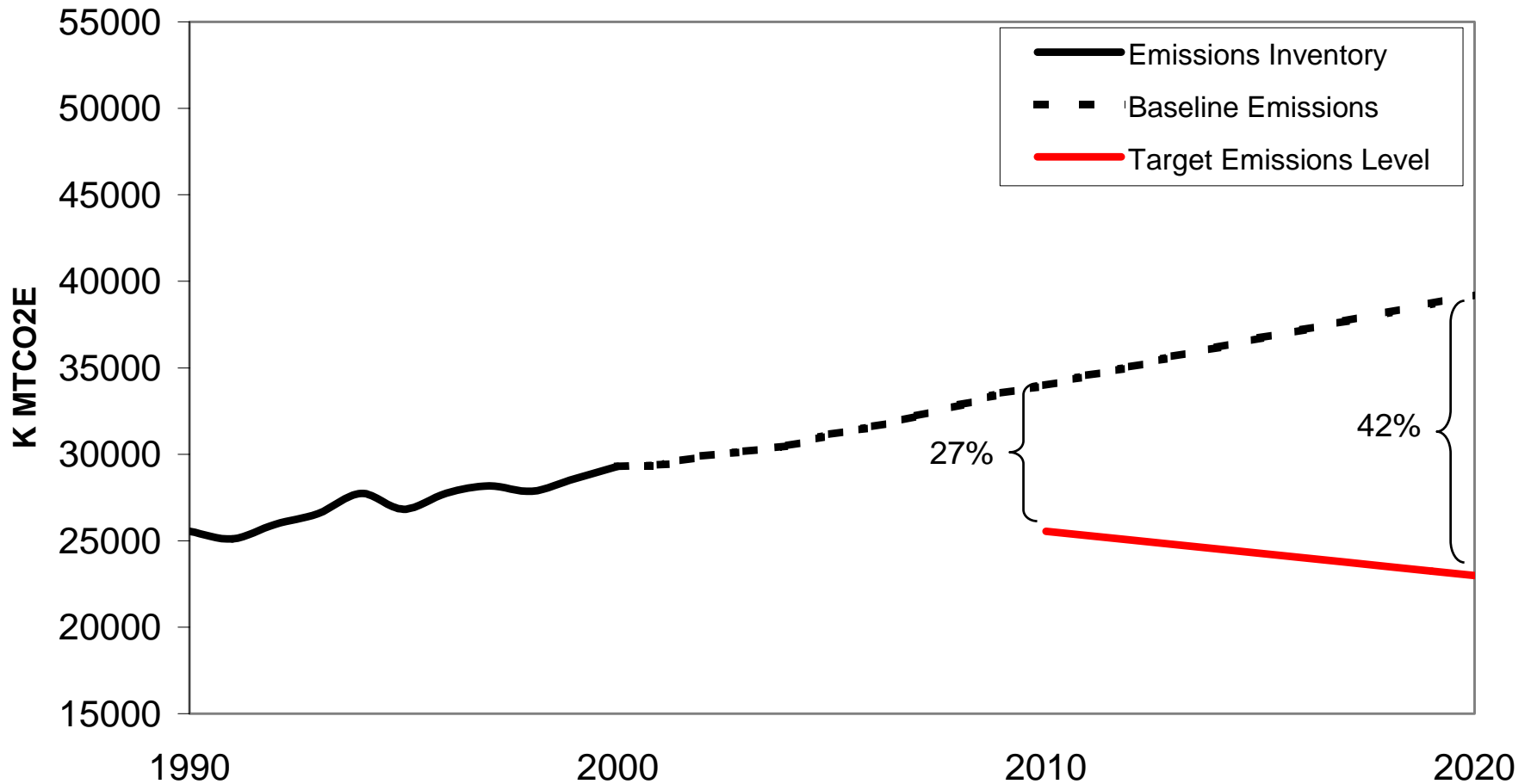




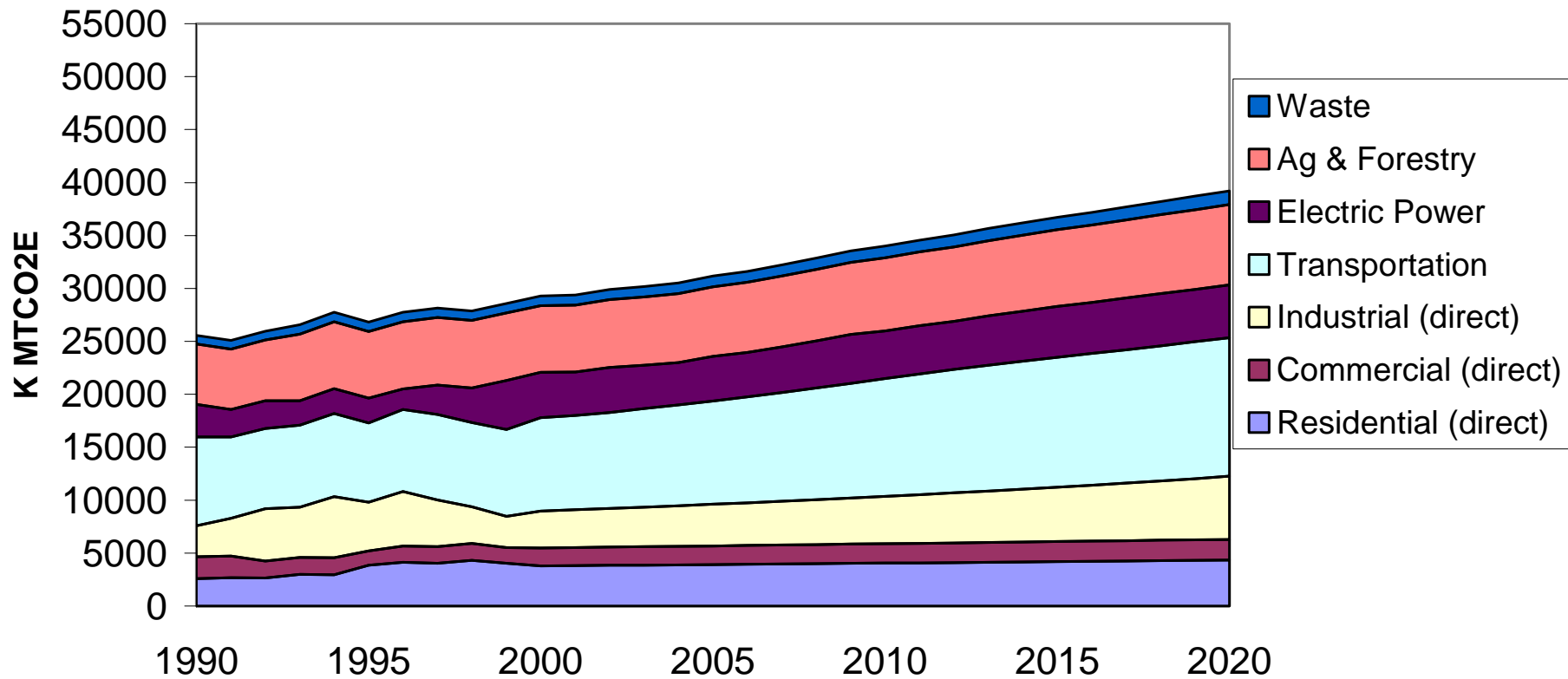
RCI Inventory & Baseline for BFM Work Group

The Center for Clean Air Policy
February 19, 2004

All Sector Baseline & Target



All Sector Baseline



Inventory & Baseline

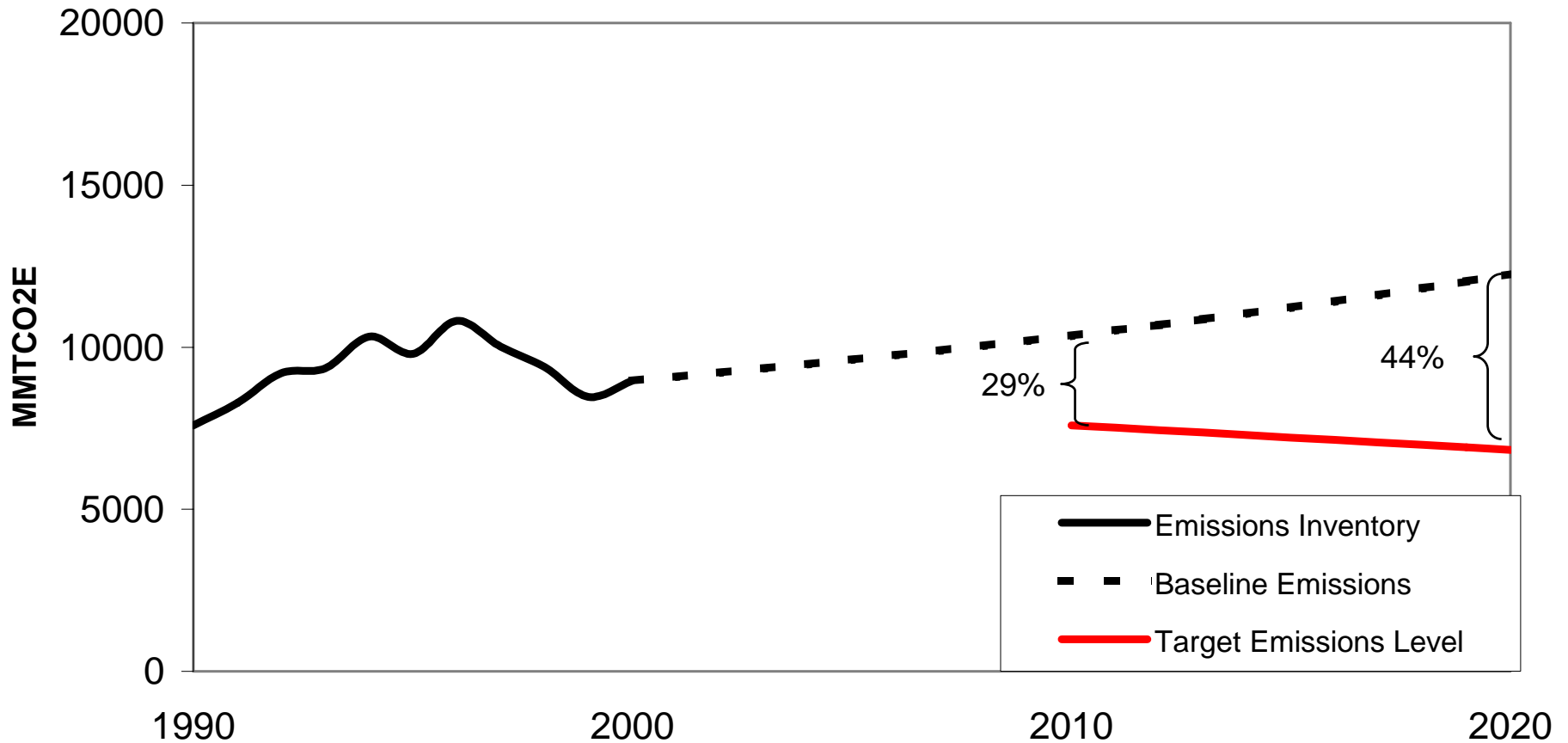
■ Inventory

- Historical Emissions 1990-2000
- Developed by NESCAUM

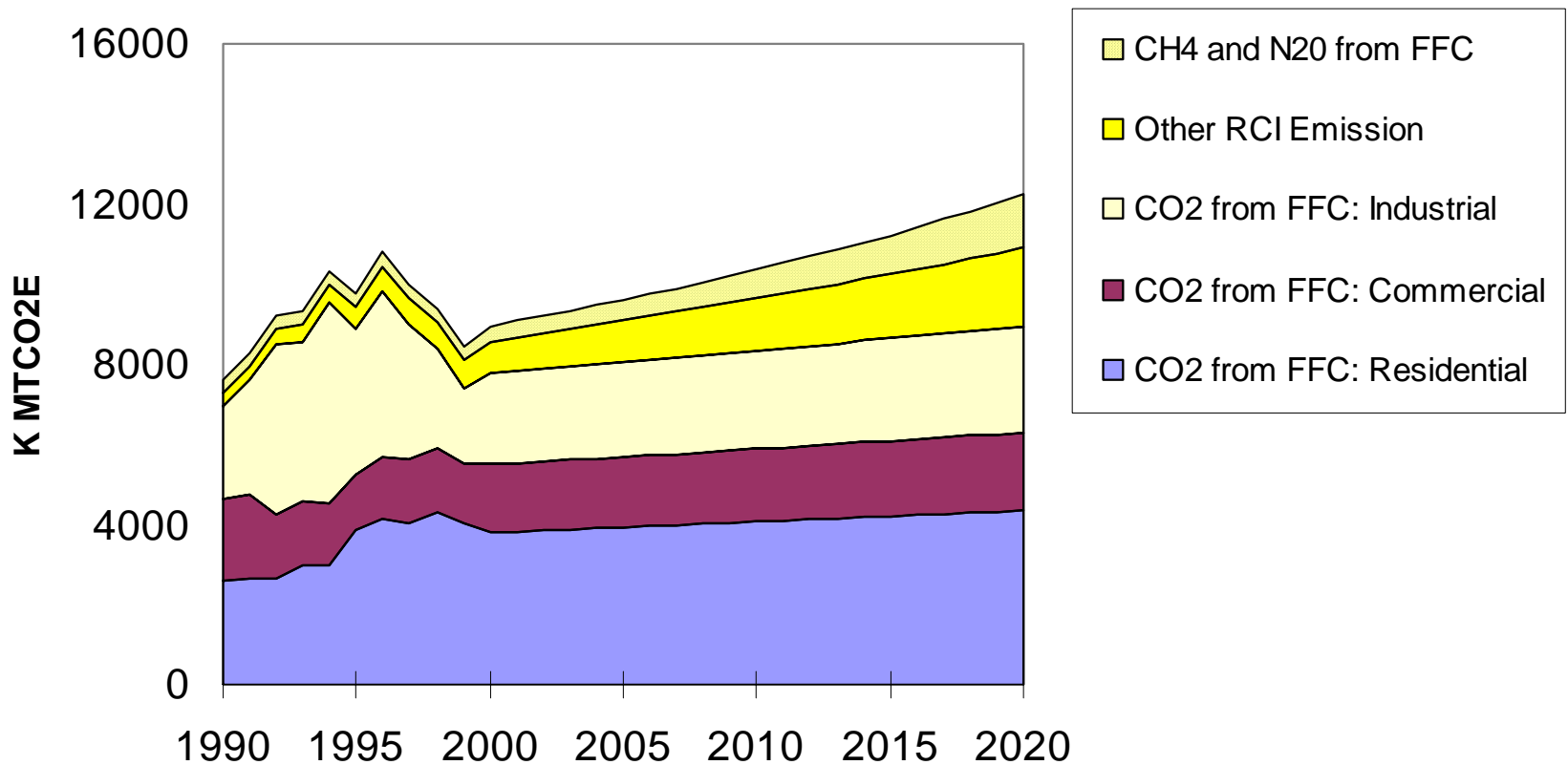
■ Baseline

- Forecasted Emissions from 2001-2020
- Developed by CCAP

Residential, Comm'l & Industrial



Residential, Comm'l, Industrial



RCI Inventory Revisions

- Verified consistency between NESCAUM, DEP and CCAP for BF&M components

Source	Revision
CO2 CH4 and N2O from FFC: All Sectors	None
<i>Other RCI Emissions</i>	
CO2 from Cement Production	Updated w/data from Dragon Products
CH4 from Natural Gas Systems	Confirmed 2000 data (new plant)
SF6 from Semiconductor Manufacture	No updates due to data confidentiality
CO2 from Limestone and Dolomite Use	None
SF6 from Electricity T&D	None
HFC, PFC, SF6 from ODS Substitutes	No new data available from EPA

RCI Baseline Revisions

■ Forecasts updated based on inventory updates

Source	Revision
CO2 CH4 and N2O from FFC: All Sectors	Obtained Maine's economic and population forecast and compared to those used in AEO
<i>Other RCI Emissions</i>	
CO2 from Cement Production	Forecast based on historical growth
CH4 from Natural Gas Systems	Hold emissions constant
SF6 from Semiconductor Manufacture	Forecast separately
CO2 from Limestone and Dolomite Use	Forecast separately
SF6 from Electricity T&D	Forecast separately
HFC, PFC, SF6 from ODS Substitutes	Forecast separately

Comparing Economic & Population Forecasts

Economic Forecast

	EIA's Annual Energy Outlook 2004	Charles Colgan, USM*	Maine State Planning Office*
Forecast Period	2004-2025	2004-2025	2004-2007
GDP (low)	2.40%	3.0%	
GDP (med)	2.97%	3.5%	2.85%
GDP (high)	3.45%	4.0%	

**Preliminary*

Population Forecast

	EIA's Annual Energy Outlook 2004	Charles Colgan, USM*	Maine State Planning Office
Forecast Period	2004-2025	2004-2025	2004-2017
POP (low)	0.60%	1.00%	
POP (med)	0.80%	1.15%	0.70%
POP (high)	1.00%	1.30%	

**Preliminary*

Industrial Process CO₂e Emissions

