Sustainable Management

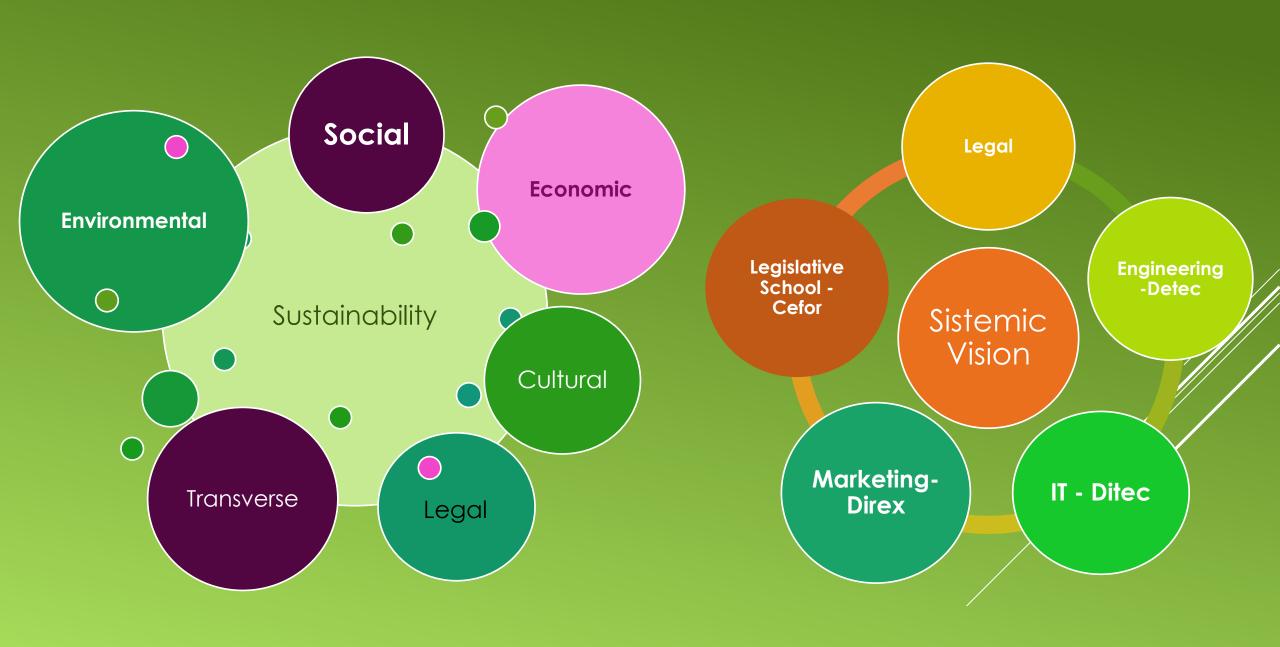


CÂMARA DOS DEPUTADOS



"Sustainable development meets present needs without compromising the ability of future generations to meet their own needs"

Brundtland Report – UN - Our Common Future-1987



- ▶ **RETHINK:** We need to rethink our consumer behavior and also how we dispose of our waste. Rethinking is the beginning of any change.
- ▶ **REDUCE:** The reduction in consumption helps us to save various resources, from natural resources to physical spaces, personnel, etc. When making a purchase, ask yourself: "Do I really need this product? How much is absolutely necessary? How to do it differently?"
- ▶ **REFUSE:** Another R that is linked to consumerism. In this way, it is necessary to develop critical thinking in relation to our consumption and the R for Reduce questions can be used. It is necessary to refuse products from companies that are not concerned with environmental and social aspects.
- ▶ **REUSE:** It is possible to reuse some objects that would be discarded. Some packages and objects can be reused or even used for other purposes.
- ▶ **RECYCLE:** It is to reuse a product so that it becomes raw material for the manufacture of another material or object. Recycling helps to increase the income of collectors, reduce the use of natural resources, develop awareness of sustainability, help reduce the amount of materials sent to landfills.

PLS – SUSTAINABLE LOGISTICS PLAN



PLANO DE LOGÍSTICA SUSTENTÁVEL DA CÂMARA DOS DEPUTADOS 2020-2021

EIXO TEMÁTICO: ENERGIA						ODS	
Objetivo					eta 2020 (1)	Meta 2021 (1)	
Reduzir o consumo de energia elétrica					ão de 0,66%	Redução de 0,66%	
Detalhamento do indicador Un					nidade responsável pelo indicador		
Média do consumo nos últimos quatro anos, nos edifícios do Complexo Principal, Complexo Avançado, Ceam/SIA, SAAN e SCS.					Sinst/Detec/Dirad		
Ações					Prazo	Unidades envolvida	
Instalar sistema de energia solar fotovoltaica no Ceam/SIA					2020	Detec/Dirad	
Substituir o sistema de iluminação fluorescente por LED nos ambientes ainda não contemplados do Complexo Principal					2020	Detec/Dirad	
Substituir o sistema de iluminação fluorescente por LED no Cetec Norte					2020	Detec/Dirad	
Substituir o sistema de iluminação com lâmpadas de descarga por LED no estacionamento externo do Anexo IV					2020	Detec/Dirad	
Substituir o sistema de iluminação com lâmpadas de descarga por LED no estacionamento do Complexo Avançado					2020	Detec/Dirad	
Instalar sistema de energia solar fotovoltaica no Anexo IV					2021	Detec/Dirad	
Instalar sistema de energia solar fotovoltaica no Complexo Avançado					2021	Detec/Dirad	
Substituir o sistema de iluminação com lâmpadas de descarga por LED no Plenário Ulysses Guimarães					2021	Detec/Dirad	
Substituir o sistema de iluminação fluorescente por LED no Ceam/SIA					2021	Detec/Dirad	
Instalar sensores de presença em ambientes de escritório dos Anexos I e IV					2021	Detec/Dirad	
Implantar monitoramento remoto de consumo para proposição de ações de redução					2021	Detec/Dirad	
Modernizar o sistema de ar condicionado de todos os edifícios do Complexo Principal					2023	Detec/Dirad	
Realizar campanha de comunicação e sensibilização					(2)	Semid e EcoCâmara/DG	
Criar e implementar o Painel de Sustentabilidade					2020	1ª Secretaria, Ditec EcoCâmara/DG	
Série histórica	2015	2016	2017		2018	2019	
Energia elétrica consumida (em kWh)	22.454.495	22.788.597	19.360.846	19.082.118		19.830.171	
Variação (%) em relação ao ano anterior	0,7%	1,5%	-15,0%	-1,4%		3,9%	
Média de consumo dos últimos quatro anos	-	2	21.727.193	20.	921.514	20.265.433	

SUSTAINABLE LOGISTICS COMMITTEE

- **► THEMES**
- ▶ OBJECTIVES
- **► TERMS**
- ▶ GOALS
- RESPONSABILITY
- PROJECTS/ACTIONS
- HISTORIC DATA SERIES

THEMES

- Water
- Energy
 - Solar Plants
- Waste Management
 - Selective waste collection
 - Food waste composting
- Disposables
- Paper
- Sustainable Procurement
 - eco-friendly labels

THE ACTION PLAN MUST BE NEGOTIATED WITH DEPARTMENTS



Hygrometer Monitoring



Rain water's reuse



Facilities' modernization // self closing taps



SUSTAINABLE INITIATIVES- WATER

WATER RESOURCES

Water consumption in the Chamber of Deputies

>70% Reduction

3,000,000 m3 Savings

US\$ 15,000,000







Waste and Recycling Association

INCOME

From: US\$ 250/M

To: US\$ 500/M

SUSTAINABLE INITIATIVES- WASTE MANAGEMENT



SUSTAINABLE INITIATIVES- DASHBOARD





Waste
segregation facilitates
the process of reuse,
recycling, and
recovery of waste.
Segregating waste
can improve the
recycling process.

The purpose is to increase <u>employee</u> <u>engagement</u>.

SUSTAINABLE INITIATIVES-INTERNAL MARKETING

NATIONAL SUSTAINABILITY NETWORK IN THE LEGISLATIVE



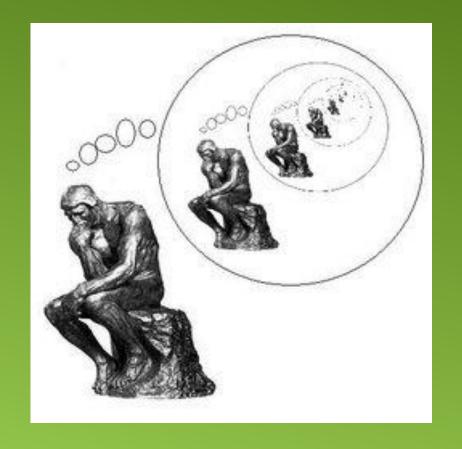
Chamber of Deputies

Federal Senate

Courts of Accounts

Legislative Counties

State Assemblies



Thank you

Luiz Vicente da Costa Braga Chief Sustainability Officer



CÂMARA DOS DEPUTADOS

