

**Solihull Sustainability Visioning Group's**

**Touchwood...**  
**Driving a Culture of**  
**Sustainability**

# The Next Twenty Minutes...

- What We've Achieved...
- What is a Culture of Sustainability?
- Examples of Influencing Behaviour
  - Measurement and Accountability
  - The Environmental Treasure Hunt
- Our Challenges
- Next Steps

# The Background of Touchwood

- Opened in 2001
- 650,000sqft centre
- ISO 14001 Accreditation
- Winner of a 'Green Apple' award
- Shortlisted for the UK Energy Awards
- 100% diversion from landfill
- 38% of waste is recycled
  - 75% target for 2016
  - 95% target for 2017

# Culture and Motivation

- Top level management support is critical
- Breed a culture of sustainability
- Talk sustainability
- Encourage (not nominate) champions
- Give each team member an environmental objective
- Set high-level KPI's for the business
- Measure progress
- Reward success
- Shout about achievements

# What gets measured....

Employee ID	Color Copies	BW Copies	Color Prints	BW Prints	Scans	Efaxes	TOTAL
1	4858	13758	17436	23869	2994	471	63386
2	225	3045	5743	23241	13062	20	45336
3	377	3160	1527	4275	404	93	9836
4	0	1493	44	2784	5178	0	9499
5	168	417	2865	4643	1175	8	9276
6	7	571	35	3767	4150	7	8537
7	986	852	1740	2622	283	53	6536
8	40	373	574	4049	669	2	5707
9	0	82	28	4167	1184	0	5461
10	272	369	1420	3190	1	0	5252
11	143	690	1585	2414	303	6	5141
12	8	164	3992	839	85	0	5088
13	415	1061	1328	1988	160	19	4971
14	32	81	2301	2325	192	0	4931
15	814	1728	413	1001	541	63	4560
16	11	310	58	2512	1094	5	3990
17	37	246	2450	394	125	0	3252
18	203	240	1165	1027	597	0	3232

# Procurement

## 9. ENVIRONMENTAL SPECIFICATION (APPENDIX 8)

Summary/description of environment specification, such as operational and standby wattage etc.

Detailed below are the considerations which benefit our customer's efforts in reducing energy consumption. However, it should also be noted that Skidata consider Production, Logistics and Service and utilize processes or products which reduce the carbon footprint throughout the full life cycle management of its systems.

- Low voltage internal component architecture.
- Use of low power consumption microcontrollers and embedded CPUs within Skidata devices.
- Use of fan-free premium power supplies (pulse) with very high efficiency.
- Heating and fans are only needed outdoors; temperature thresholds for each device can be set individually for optimum performance.
- Power to the barrier motor is switched off completely when the barrier arm is in its end positions.
- Column display and attached readers can be switched off and then activated only when a vehicle is on the presence detection loop (display lighting, coder, long-range reader etc.).

	Device			
Status	Column	Easy.Cash	Credit.Cash	Power. CASH
Standard Mode	30 watts	50 watts	40 watts	50 watts
Heater in operation (outdoor use only)	180 watts	435 watts	420 watts	435 watts

### Sleep Mode Argument:

Sleep mode solutions have their disadvantages in the parking equipment market and Skidata has employed advanced technologies to insure that the standard or normal mode of operation will significantly outperform the competition.

**Skidata standard mode:** 50 Watts

**Competition:** 84.5 Watts

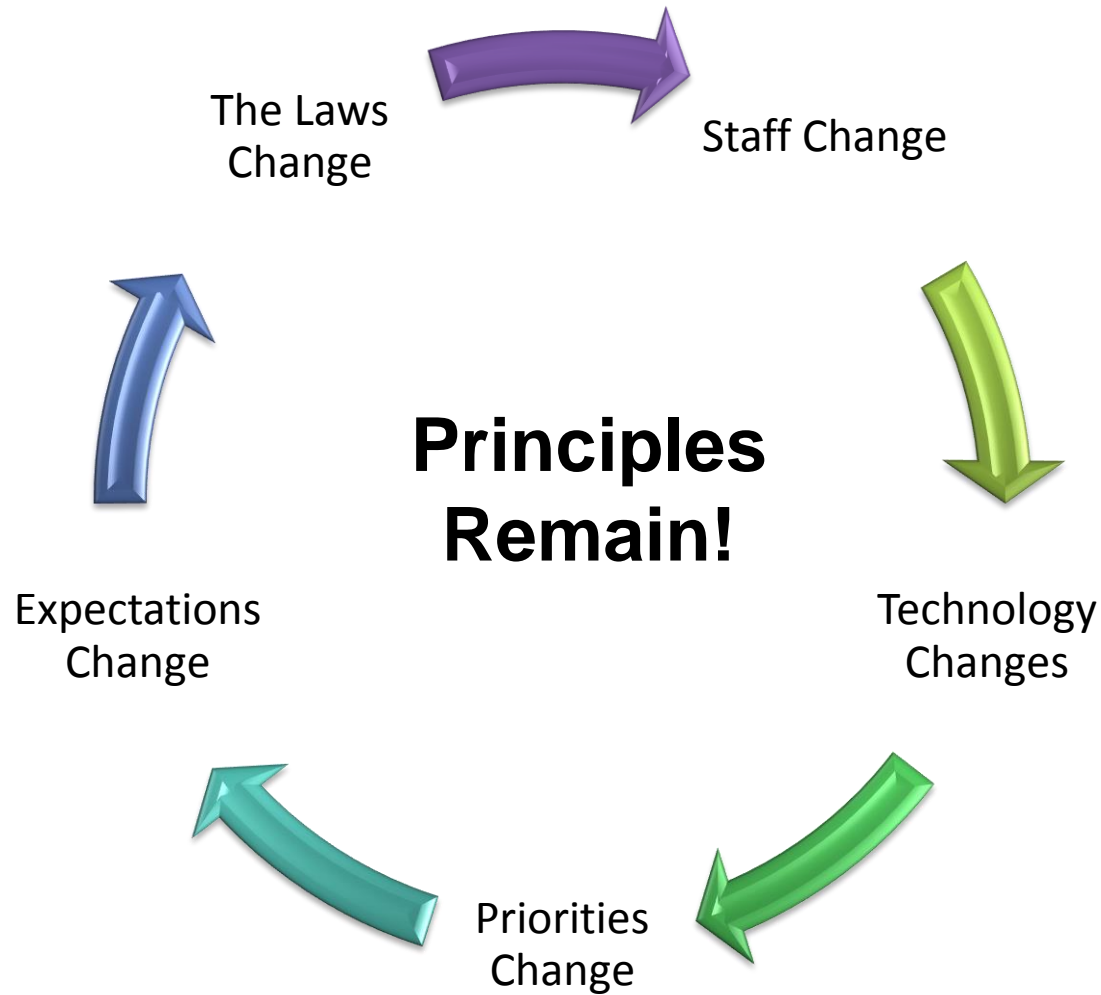
# Lots of Little Stuff



- Low hanging fruit has gone?
- 11 new areas identified
- We found more big stuff
- Culture of continuous improvement
- Third party involvement



# Our Challenges





# Next Steps

